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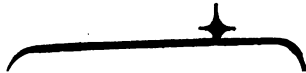
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SECOND ANNUAL REPORT
OF
INSPECTION OF FACTORIES
IN
MICHIGAN

MADE UNDER DIRECTION OF THE
BUREAU OF LABOR AND INDUSTRIAL STATISTICS



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LETTER OF TRANSMITTAL.

STATE OF MICHIGAN,
BUREAU OF LABOR AND INDUSTRIAL STATISTICS, }
Lansing, Mich., February 1, 1894.

HON. JOHN T. RICH, *Governor*:

SIR—In accordance with the provisions of act No. 126, session laws of 1893, which directs the Commissioner of Labor to cause an annual inspection to be made of all manufacturing places in Michigan, and to make an annual report thereof to the Governor, I have the honor to transmit herewith the second annual report of such inspection, made under the direction of this bureau.

Very respectfully,

CHAS. H. MORSE,

Commissioner of Labor.



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INTRODUCTION.

The law providing for factory inspection has been in force in Michigan since August 27, 1893. Upwards of 4,500 factories have been inspected, The year 1893 was devoted to looking the State over to see what was necessary to be done. During the year 1894 the inspection has been prosecuted with the benefit of the experience and observation of the previous year, and as vigorously as the appropriation for the purpose would admit.

The State was divided into five districts, as follows:

The first (1st) district embraces the counties of

Wayne

Monroe

Macomb

Inspector.....Wm. F. Tripp.

The second (2d) district to be the counties of

Allegan

Cass

Kalamazoo

St. Clair

Barry

Eaton

Lapeer

St. Joseph

Branch

Hillsdale

Livingston

Sanilac

Berrien

Ingham

Lenawee

Van Buren

Calhoun

Jackson

Oakland

Washtenaw

Inspector.....Geo. E. Gunn.

The third (3d) district to be the counties of

Antrim

Kalkaska

Mason

Newaygo

Benzie

Kent

Mecosta

Oceana

Charlevoix

Lake

Missaukee

Osceola

Emmet

Leelanau

Montcalm

Ottawa

Gd. Traverse

Manistee

Muskegon

Wexford

Ionia

Inspector.....Louis C. F. Hintz.

The fourth (4th) district to be the counties of

Alcona	Clare	Iosco	Otsego
Alpena	Clinton	Isabella	Presque Isle
Arenac	Genesee	Midland	Roscommon
Bay	Gladwin	Montmorency	Saginaw
Cheboygan	Gratiot	Ogemaw	Shiawassee
Crawford	Huron	Oscoda	Tuscola

Inspector Ottmar O. Krapf.

The fifth (5th) district to be the counties of

Alger	Gogebic	Keweenaw	Ontonagon
Baraga	Houghton	Luce	Manitou
Chippewa	Iron	Mackinac	Marquette
Delta	Isle Royal	Mason	Schoolcraft
Dickinson			

Inspector (Not named.)

It was impossible, with the appropriation made, to put an inspector into the fifth inspection district, comprising the counties in the upper peninsula. Neither was it possible to make an adequate inspection in the lower peninsula, north of Bay City and Muskegon.

During the year 1894, 2,688 factories were inspected. At the time of inspection these factories employed 80,375 persons. Before the business depression, commencing in 1893, these factories employed more than 120,000 persons. Of the factories inspected, 1,835 were running full time, 490 were running part time, and 363 were idle.

Since the inspection law went into effect there has been 2,645 changes ordered. These changes embrace 132 fire escapes, 292 elevators protected, and a large number of changes relating to blowers or dust arresters, saws, belts, sanitary regulations, and others of minor importance.

It is impossible to give the number of orders complied with, as inspectors have been unable to make a second visit to a large number of factories. It is known, however, that a very large proportion of changes ordered, have been made. Probably more than 100 fire escapes have been built, and much more than that number of elevators protected. Owing to the difficulty in finding dust arresting appliances, which would be guaranteed by the manufacturer thereof, to do satisfactory work, there has been less of these improvements than of any other. That difficulty having been obviated, more of these necessary appliances will be provided. The beneficent results of these inspections, are evident from the proportionate reduction of more than one-half, in the number of accidents in factories inspected in 1893 and 1894. In the 2,066 factories inspected in 1893, there

were 225 accidents. These same factories, with 622 additional, aggregating 2,688 factories inspected in 1894, report but 128 accidents.

The law forbids, absolutely, the employment of children under fourteen years of age. *Inspectors have been ordered to strictly enforce this provision.*

Child labor is one of the worst forms of competition that the laboring population has to contend with. Every child employed displaces an adult. Ten hours a day of labor in a factory does not conduce to the physical or intellectual development of a child. If we are to have very many thousands of idle people it should be children and not adults that should be idle. With the enforcement of this law, should come the enforcement of a compulsory education law. Children under fourteen should be in school, and the parent or guardian of any child who allows or compels the absence from school of such children, should be punished.

Attention is invited to "Summary of work of Inspection," following the table, for further details.

Act 126, public acts of 1893, appropriated "not to exceed \$4,000 in any one year" for factory inspection. It was known then by the Commissioner of Labor, that this amount was inadequate. However, the work was undertaken and prosecuted as economically as possible, the results of which are shown in this report. The necessity of inspection should be apparent to all. Enforcement of law, for the safety of the factory population, will not be secured without some authority for such enforcement. The safety of these persons should be the special care of the law makers. The few thousands of dollars it costs should be of no consequence, when the preservation of life and limb are considered. Sufficient salary should be paid to secure competent men for the work.

The law of 1893 had some objectional features, and to remedy these a bill known as senate bill No. 20, file No. 5, has been introduced in the senate by Senator Brundage. If this bill shall become a law, it will give to Michigan as complete a factory inspection as any state in the union, and at a far less cost for the work to be done than any other state.

The Commissioner of Labor is under particular obligations to Messrs. W. F. Tripp, Geo. E. Gunn, L. C. F. Hintz, and O. O. Krapf, for the zeal, energy and intelligence with which they have discharged the duties of inspectors. Hon. H. R. Dewey, deputy labor commission, and Mr. L. S. Russell, chief clerk of the Labor Bureau, have rendered much valuable assistance. The details of preparing blanks, books, etc., for the inspection, as well as the supervision of the details of the work, and preparing this report, have been quite largely committed to their charge. These duties have been honestly and faithfully discharged.

FACTORY INSPECTION, 1894.

The following table shows the work of factory inspection in Michigan for the year 1894. It was deemed desirable to make this tabulation fuller than that contained in the First Annual Report. It is presumed that persons interested in factory inspection will be interested in all the information which an inspection developed, regarding location of factories, business carried on, hours of labor, number of employees (with sex) child labor, increase or decrease in wages, and other matters which come under the observation of an inspector. Everything possible is covered in the tabulation.

Changes ordered, follow the table. Each factory inspected is known by the inspection number, and changes ordered in a factory are designated by the number of that factory.

The form of inspection books and blanks adopted in 1893 have been used in 1894, without material change.

The inspection has been made by W. F. Tripp of Detroit, O. O. Krapf of Saginaw, L. C. F. Hintz of Grand Rapids, and Geo. E. Gunn of Charlotte. They have devoted their whole time to the inspection.

A report of accidents follows the changes ordered. They are also designated by the inspection number. Also a comparison of the number of accidents in factories inspected in 1893 and in 1894. The proportionate decrease of more than one-half in the number of accidents demonstrates the value of the inspection and is a reasonable guarantee that the work has been thorough and effective.

The table and deductions therefrom, with changes ordered, will be interesting to those who are mindful of the safety of the thousands of people employed in the manufacturing places in Michigan.

Inspection book No. 1.

TABLE No. 1.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1	1894.					
2	Mar. 2	Graham Twist Drill and Chuck Co.	Detroit	Drills and chucks	r'ng	part
3	" 2	Detroit Iron Furnace Co.	"	Pig iron	idle	"
4	" 3	B. Korte & Son.	"	Carriages and wagons	r'ng	part
5	" 3	Atlas Brass and Metal Works	"	Brass castings and fitt'gs	"	full
6	" 3	Murphy Corset Factory	"	Corsets	"	"
7	" 6	Rumsey & Erb.	"	Wagons and carriages	"	"
8	" 6	H. McGraw Machine Works	"	Oil cups	idle	"
9	" 6	Hoppin & Co.	"	Carriages and wagons	r'ng	part
10	" 8	Hutton Bros. & Co.	"	Sheet metal & cornice w'k	"	"
11	" 8	Michigan Stove Co.	"	Stoves and ranges	"	"
12	" 8	Sylvan Toilet Co.	"	Toilet goods	"	"
13	" 8	Detroit Fly Paper Co.	"	Fly paper	"	"
14	" 8	Harcus & Lange	"	Buildings, etc.	"	"
15	" 9	H. George & Son	"	Sash, doors and blinds	"	full
16	" 9	John Hill	"	Carriages and wagons	"	part
17	" 9	Hnyett & Smith Manufact'g Co.	"	Hot blast apparatus, etc.	"	"
18	" 9	Moffatt, Eatherly & Co.	"	Saw and planing mill	idle	"
19	" 10	American Brass and Metal Works	"	Artistic brass & metal g's	r'ng	part
20	" 10	Cartwright Bros.	"	Granite monuments	"	full
21	" 10	Globe Foundry Co.	"	Jobbing castings	"	"
22	" 10	Byram & Co.	"	Foundry outfits	"	part
23	" 12	Seymour Cash Register Co.	"	Cash registers	"	"
24	" 12	Roller Mills Works	"	Roller mill machinery	"	full
25	" 12	Frontier Iron Works	"	Marine engines, etc.	"	"
26	" 12	Lanhoff Tobacco Works	"	Tobacco	idle	"
27	" 12	H. C. Hart Manufacturing Co.	"	Railway car finish, etc.	r'ng	part
28	" 12	F. DeGalan & Son	"	Wood turning, etc.	"	"
29	" 12	Mutual Gas Co.	"	Gas	idle	"
30	" 13	John Oades & Co.	"	Yachts and boats	r'ng	part
31	" 13	Park, Davis & Co.	"	Pharmaceutical supplies	"	full
32	" 14	Fred Kahl	"	Machine work	"	part
33	" 14	East End Boiler Works	"	Boilers and tanks	"	"
34	" 14	R. McKenzie & Sons	"	Ship & machine black's'th	"	"
35	" 14	Rentz & Labot	"	Sheet iron, etc.	"	"
36	" 14	Crescent Brass and Iron Works	"	Hardware specialties	"	full
37	" 14	Ideal Manufacturing Co.	"	Sanitary spec's, toys, etc.	"	part
38	" 15	Wm. Myll	"	Planing mill	"	full
39	" 15	Excelsior Stove Pattern Works	"	Stove patterns	"	"
40	" 15	McClure, Kelsey & Co.	"	Hose trucks	"	"
41	" 15	American Laundry	"	Laundry work	"	"
42	" 15	Detroit Planing Mill	"	Sash, doors, etc.	"	part
43	" 16	U. S. Frumentum Co.	"	Frumentum	"	full
44	" 16	Detroit Stove Co.	"	Stoves and ranges	"	part
45	" 16	Detroit Soap Co.	"	Soap	"	"
46	" 17	Otto Held	"	Cigars	"	"
47	" 17	J. Flynn	"	Wagons and carriages	"	"

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Number employees at present.	Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly payroll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.								Males.	Females.									
60 48	55	18	2	no	no		no		\$1,000	no	none	none		10		60	yes	no	yes	yes	1
60 48	30																				2
60 48	10	8	none	red.	10		no		350	no	none	none		10		45	yes	no	yes	yes	3
60 90	8	8	"	"	"		"		300	"	"	"		10		*30	"	"	"	"	4
54 54	8	none	4	"	"		"		125	"	"	"		9		60	"	"	"	"	5
60 60	10	6	none	"	"		"		230	"	"	"		10		60	"	"	"	"	6
60 48	12																				7
60 48	14	9	none	no			no		450	no	none	none		10		60	yes	no	yes	yes	8
54 48	40	20	"	"	"		"		950	"	"	"		9		50	"	"	yes	"	9
60 54	1,000	997	3	"	"		"		5,000	2	9	"	yes	10		45	"	"	"	"	10
60 54	8	2	3	"	"		"		175	no	none	"	"	10		60	"	"	"	"	11
60 54	18	7	none	"	"		"		350	"	"	"	"	10		60	"	"	yes	"	12
54 48	102	102	"	"	"		"		5,000	"	"	"	"	9		*30	"	"	"	"	13
60 60	225	150	"	red.	10		"		7,500	"	3	"	"	10		60	"	"	"	"	14
60 54	6	4	"	no	"		"		200	"	none	"	"	10		60	"	"	"	"	15
60 48	112	84	"	"	"		"		4,000	"	"	"	"	10		45	"	"	yes	"	16
60 48	100																				17
60 45	130	60	none	red.	10		no		3,000	no	none	none		19		*30	yes	no	yes	yes	18
53 53	14	10	"	"	"		"		600	"	"	"		9		60	"	"	"	"	19
60 60	70	22	"	no	10		"		1,100	"	"	"		10		*30	"	"	"	"	20
60 54	45	12	"	"	10		"		800	"	"	"	"	10		60	"	"	"	"	21
60 54	7	9	"	no	"		"		175	"	"	"	"	10		60	"	"	"	"	22
61 60	20	10	"	red.	5		"		480	"	"	"	"	10		*30	"	"	"	"	23
59 59	135	120	"	"	12		"		6,000	"	"	"	"	10		*30	"	"	"	"	24
60 54	20																				25
60 54	140	62	3	no			no		3,200	no	none	none		10		*30	yes	no	yes	yes	26
60 48	5	5	none	"	"		"		250	"	"	"		10		60	"	"	"	"	27
60 54	20																				28
60 54	50	8	none	no			no		400	no	none	none		10		60	yes	no	yes	yes	29
55 55	624	251	873	"	"		"		3,100	"	1	2	yes	9		60	"	"	"	"	30
60 50	36	12	none	"	"		"		500	"	1	none		10		*30	"	"	"	"	31
60 56	32	15	"	"	"		"		750	"	none	"		10		*30	"	"	"	"	32
60 30	6	3	"	"	"		"		175	"	"	"		10		*30	"	"	"	"	33
60 48	4	4	"	"	"		"		215	"	"	"		10		*30	"	"	"	"	34
60 60	62	55	7	red.	10		"		2,700	"	"	"		10		*30	"	"	"	"	35
60 54	300	199	1	no	"		"		8,000	"	3	1		10		60	"	"	"	"	36
56 56	10	8	none	"	"		"		300	"	none	none		9 1/2		45	"	"	"	"	37
60 60	65	19	1	"	"		"		1,000	"	1	"		10		*30	"	"	"	"	38
58 58	14	11	none	"	"		"		350	2	3	"		9 1/2		45	"	"	"	"	39
54 54	18	1	5	"	"		"		218	no	none	"		9		60	"	"	"	"	40
60 54	4	2	none	"	"		"		95	"	"	"		10		45	"	"	"	"	41
12 12	10	8	"	"	"		"		425	"	"	"		2		60	"	"	"	"	42
60 57	800	198	2	"	"		"		9,000	"	"	"		10		45	"	"	"	"	43
60 45	50	22	13	"	"		"		1,700	"	"	"	yes	10		45	"	"	"	"	44
54 48	4	2	none	"	"		"		90	1	"	"		9		60	"	"	"	"	45
60 54	5	3	"	"	"		"		150	no	"	"		10		60	"	"	"	"	46

* Shorter dinner hour allowed by inspector.

FACTORY INSPECTION.

COMPACTS 300K Vol. 2

TABLE No. 1.—Continued.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
100	10/1/11	Gen. W. Thompson	Detroit	Yellow stone boiler	7/10	full
101	10/1/11	J. W. Peters	"	Wool, untreated gray wool	10/10	part
102	10/1/11	Chicago Sawing Co.	"	Hard veneers	10/10	"
103	10/1/11	Chicago Sheet Metal & Brass Works	"	Brass fixtures	7/10	part
104	10/1/11	Chicago Foundry	"	Cutlery	7/10	full
105	10/1/11	Hammerhead Band & Co.	"	Cut stone	"	"
106	10/1/11	J. H. Lurie	"	Lime and stone	"	"
107	10/1/11	J. H. Lurie	"	Sheet spring iron	"	"
108	10/1/11	J. H. Lurie	"	Flange	10/10	"
109	10/1/11	Lansing Planing Works	"	Planing and painting	7/10	full
110	10/1/11	W. T. Smith	"	Sheet powder and bluing	"	part
111	10/1/11	H. W. Peterson	"	Sheet spring iron	"	full
112	10/1/11	Detroit Dry Dock Co.	"	Steamboilers	"	"
113	10/1/11	"	"	Engines	"	"
114	10/1/11	"	"	Foundry products	"	"
115	10/1/11	"	"	Marine boilers	"	"
116	10/1/11	"	"	Sheet spring iron	"	"
117	10/1/11	"	"	Foundry products	"	"
118	10/1/11	"	"	Sheet spring iron	"	part
119	10/1/11	"	"	Wagon and carriage	"	"
120	10/1/11	"	"	"	"	"
121	10/1/11	"	"	"	"	full
122	10/1/11	"	"	"	"	"
123	10/1/11	"	"	"	"	part
124	10/1/11	"	"	"	"	full
125	10/1/11	"	"	"	"	"
126	10/1/11	"	"	"	"	part
127	10/1/11	"	"	"	"	full
128	10/1/11	"	"	"	"	"
129	10/1/11	"	"	"	"	part
130	10/1/11	"	"	"	"	full
131	10/1/11	"	"	"	"	"
132	10/1/11	"	"	"	"	part
133	10/1/11	"	"	"	"	full
134	10/1/11	"	"	"	"	"
135	10/1/11	"	"	"	"	part
136	10/1/11	"	"	"	"	full
137	10/1/11	"	"	"	"	"
138	10/1/11	"	"	"	"	part
139	10/1/11	"	"	"	"	full
140	10/1/11	"	"	"	"	"
141	10/1/11	"	"	"	"	part
142	10/1/11	"	"	"	"	full
143	10/1/11	"	"	"	"	"
144	10/1/11	"	"	"	"	part
145	10/1/11	"	"	"	"	full
146	10/1/11	"	"	"	"	"
147	10/1/11	"	"	"	"	part
148	10/1/11	"	"	"	"	full
149	10/1/11	"	"	"	"	"
150	10/1/11	"	"	"	"	part

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	No. employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable wash rooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
54 54	4	8	none	no	no	no	no	no	\$150	1	none	none		9		60	yes	no	yes	yes	47
60 48	6	4							163	no				10		*30	yes	no	yes	yes	48
60 50	325	121	4	red.	10	no	no	no	6,250	no	2	none		10		45	yes	no	yes	yes	49
60 60	7	1	4	no					275					10		60					50
60 60	20	6	none						325		none			9		*10					51
60 60	25	20							980					9		60					52
60 60	12	12							450					10		60					53
60 10	none													10		60					54
54 54	12	8		no	no	no	no	no	150	no	none	none		9		*40	yes	no	yes	yes	55
60 54	6	2							100					10		60					56
54 54	10	4							170					9		60					57
60 60	277	38		red.	20				2,000					10		45					58
60 60	85	32			20				1,800					10		45					59
60 60	85	12			20				600					10		45					60
60 60	140	43			20				2,200					10		45					61
60 60	24	14			20				750					10		45					62
54 54	12	12		no					720		1			9		45					63
60 54	6	4							240		none			10		60					64
60 54	4	4							190					10		60					65
54 54	2	2							85					9		60					66
60 60	10	8							400		1			10		*30					67
54 54	20	5							325		none			9		60					68
54 48	110	46		red.	15				1,700					9		45					69
48 48	9	4	1	no					185					9		60					70
60 48	10	3	none						145					10		60					71
60 54	6	3							240					10		60					72
60 60	40	none	none											10		60					73
54 54	5	2	2	no	no	no	no	no	175	no	none	none	yes	10	yes	60	yes	no	yes	yes	74
54 54	2	2	none						95					9		60					75
54 54	2	2	none						80					9		60					76
60 60	15	10							475					10		60					77
54 54	4	4							85					9		60					78
54 48	16	10		red.	10				1,050					9		60					79
48 48	5	3		no					60					8		60					80
54 54	4	2	2						90					9		60					81
57 57	7	4	none	no	no	no	no	no	60	no	none	none		9½		60	yes	no	yes	yes	82
60 57	20	10	none	no	no	no	no	no	550	no	none	none		10		60	yes	no	yes	yes	83
60 54	9	8	1						379					9		60					84
42 42	60	60	none											7		60					85
57 57	14	1	11	no	no	no	no	no	300			1	yes	9½	yes	60					86
48 48	160	55	105	red.	10				5,200			none		8		*30					87
48 48	4	3							175			1		8		60					88
60 60	12	7	1	no					280			none				60					89
48 48	6	3							100							60					90

* Permission for short dinner hour given by inspector.

FACTORY INSPECTION.

Inspection book No. 3.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
94	Mar. 26	M. Reichstein.....	Detroit.....	Sorted iron and rags.....	r'ng	full
95	" 26	M. S. Meyers.....	".....	Cigars.....	"	"
96	" 26	Mathee Bros.....	".....	Carriages and wagons.....	"	"
97	" 27	G. M. Ingalls.....	".....	Cigars.....	"	"
98	" 27	A. J. Orth.....	".....	Tableware.....	"	part
99	" 27	A. Goldman.....	".....	Sorted iron and metal.....	"	full
100	" 27	Murphy, Wasey & Co.....	".....	Chairs and spring beds.....	"	part
101	" 28	Chas. H. Smith.....	".....	Cloth buttons.....	"	full
102	" 28	Lanhoff Roller Mills.....	".....	Flour and feed.....	"	part
103	" 28	Progressive Cigar Co.....	".....	Cigars.....	"	full
104	" 28	Aertz, Meyers & Co.....	".....	Furniture.....	"	part
105	" 28	J. Hoffman.....	".....	Barrels and kegs.....	"	"
106	" 30	John Pruma.....	".....	Men's clothing.....	"	full
107	" 30	F. D. Zacharias.....	".....	Furniture.....	"	part
108	" 30	Loyal American Cigar Co.....	".....	Cigars.....	"	full
109	" 30	Eagle Knitting Works.....	".....	Hosiery.....	idle	"
110	" 30	Paul Freda.....	".....	Men's clothing.....	r'ng	full
111	" 30	Jos. Gruss.....	".....	Carriages and wagons.....	"	part
112	" 30	H. Frankenstein.....	".....	Cigars.....	"	full
113	" 30	S. Elsey.....	".....	Marble.....	idle	"
114	" 31	Henry Lemmer.....	".....	Monuments.....	r'ng	full
115	" 31	D. C. Winder.....	".....	Printed matter.....	"	"
116	" 31	C. W. Freeman.....	".....	Elastic stockings.....	"	"
117	" 31	Barnett Bros.....	".....	Sorted iron and rags.....	idle	"
118	" 31	J. A. Willim.....	".....	Cigars.....	r'ng	full
119	Apr. 2	D. T. Burr & Sons.....	".....	Compound engines.....	"	part
120	" 2	J. D. Candler & Co.....	".....	Slate and tin roofs.....	"	full
121	" 2	J. B. Bishop.....	".....	Brass and iron.....	"	part
122	" 2	Detroit Hattan and Willow Works	".....	Chairs and baby carriages	"	full
123	" 2	Theo. Funke.....	".....	Cigars.....	"	part
124	" 2	A. L. Lamberg.....	".....	".....	"	full
125	" 3	M. Schwartz & Son.....	".....	".....	"	"
126	" 3	Chas. Whiting.....	".....	".....	"	"
127	" 3	F. X. Bowen.....	".....	".....	"	"
128	" 3	Smith & McDonald.....	".....	Cut stone.....	"	"
129	" 3	Ed. Burlin.....	".....	Shoe blacking.....	idle	"
130	" 4	L. H. Beck & Son.....	".....	Wool and hides.....	r'ng	full
131	" 4	Genesee Bottling Co.....	".....	Bottled beer.....	"	"
132	" 4	J. Lichtenstein.....	".....	Cigars.....	"	"
133	" 4	H. Kapchinsky.....	".....	".....	"	"
134	" 4	J. Gumbinsky.....	".....	Sorted rags.....	"	part
135	" 4	F. Grosshans.....	".....	Cigars.....	"	full
136	" 5	J. N. Dodge.....	".....	Decoy ducks and oars.....	"	"
137	" 5	C. F. Bauer.....	".....	Cigars.....	"	"
138	" 5	W. Propaska.....	".....	Beer kegs.....	idle	"
139	" 5	C. Pokornoy.....	".....	Cigars.....	r'ng	full
140	" 5	Johnson Manufacturing Co.....	".....	Ink, Bluing, etc.....	"	"
141	" 5	Thos. Kennedy.....	".....	Baskets.....	idle	"

SECOND ANNUAL REPORT.

7

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed?		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
54 54	7	7	none	no	no				\$225	no	none	none									94
48 48	4	4	"	"	"				140	"	"	"									95
60 60	5	4	"	"	"				185	"	"	"									96
48 48	6	2	1	"	"				120	"	"	"									97
60 48	12	10	none	"	"				480	"	"	"									98
54 54	6	4	"	"	"				185	"	"	"									99
60 48	450	342	108	"	"				7,500	"	40	12	yes	9							100
54 54	6	3	none	"	"				90	"	none	none		9							101
60 30	4	3	"	"	red.	10			150	"	"	"		9							102
54 54	6	3	1	"	no				185	1	"	"		9							103
60 48	60	55	none	"	"				2,000	no	"	"		16							104
60 54	8	8	"	"	"				480	"	"	"									105
54 54	14	4	6	"	"				215	"	"	"		9							106
60 54	4	2	none	"	"				80	"	"	"		10							107
48 48	6	3	1	"	"				115	"	"	"		8							108
	10																				109
60 60	10	3	7	no	red.	10			290	no	none	none		10							110
60 54	5	3	none	"	no				120	"	"	"									111
60 60	15	6	2	"	"				215	"	"	"		10							112
	10																				113
60 60	8	7	none	inc.	10	no			400	no	none	none									114
54 54	4	2	"	no	"				75	"	"	"		9							115
54 54	4	2	"	"	"				72	"	"	"		9							116
54 54	12	2	1	no	no				80	no	none	none		9							117
60 54	4	4	none	"	"				185	"	"	"									118
54 54	15	10	"	"	"				700	"	"	"		9							119
60 54	5	3	"	"	"				170	"	"	"		10							120
48 48	7	3	1	"	"				145	"	1	"	yes	8							121
48 32	9	5	1	"	"				225	"	1	"		8							122
48 48	9	5	2	"	"				260	"	none	"		8							123
48 48	7	5	1	"	"				225	"	"	"		8							124
48 48	3	3	none	"	"				140	"	"	"		8							125
48 48	4	3	"	"	"				145	"	"	"		8							126
54 54	15	9	"	"	"				475	"	"	"		9							127
	10																				128
60 60	20	5	none	red.	17	no			225	no	none	none		10							129
60 60	3	3	"	no	"				105	"	1	"		8							130
48 48	15	2	"	"	"				80	"	none	"		8							131
48 48	5	2	1	"	"				95	"	"	"		8							132
60 48	14	8	11	"	"				315	"	"	"		10							133
48 48	4	3	none	"	"				105	"	"	"		8							134
60 60	15	5	3	red	10	"			480	"	"	"		10							135
48 48	5	2	1	no	"				150	"	"	"		8							136
	9																				137
48 48	5	2	1	no	no				145	no	none	none		8							138
54 54	6	5	none	"	"				260	"	"	"		9							139
	6																				140
																					141

* Shorter dinner hour allowed by inspector.

† Slide.

Inspection book No. 4.

TABLE No. 1.—Continued.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
322	May 11	F. I. Rasmussen	Detroit	Filters, cranes, etc.	running	full
323	" "	Peter Hamming	"	Cigars	"	"
324	" "	Carl Robert & Moore	"	Church and office furnish.	"	"
325	" "	T. Semmler	"	Cigars	"	"
326	" "	E. A. Reabe	"	Car stone	"	part
327	" "	Marvin Meyer	"	Cigars	"	full
328	" "	Marshall Rottling Works	"	Bottled beer	"	"
329	" "	L. W. Manton	"	Clothes wringers	"	part
330	" "	Orman & Grant	"	Car stone	"	full
331	" "	E. Kelly	"	Wagons	"	part
332	" "	E. Rotholz	"	Bushes	"	"
333	" "	A. Lepp	"	Cigars	"	full
334	" "	Kramer & Co.	"	Printed matter	"	"
335	" "	A. Lepp	"	Wagons	"	part
336	" "	J. E. Malin	"	Cigars	"	full
337	" "	Olson & Knudsen	"	Candy	idle	"
338	" "	E. Ryman	"	Cigars	running	full
339	" "	The Iron	"	Printed matter	"	"
340	" "	T. Armstrong	"	Building materials	"	"
341	" "	Lee & Wolf	"	Carrages and wagons	"	part
342	" "	Hagen Filter Co.	"	Filters	"	full
343	" "	White Eagle Tobacco Co.	"	Tobacco	"	"
344	" "	E. Hinchey, Sen. & Co.	"	Blank clothing	"	"
345	" "	Alfred Toller Co.	"	Trunk goods	"	"
346	" "	Ray & Todd Manufacturing Co.	"	Underwear	idle	"
347	" "	F. Kuter	"	Cigars	running	full
348	" "	Win. Roper	"	Che pipes	"	"
349	" "	John C. Brown	"	Che pipes	"	"
350	" "	Pennsboro Clay Pipe Co.	"	Clay pipes	"	"
351	" "	Advance Rubber Wheel Co.	"	Rubber wheels	"	part
352	" "	Knapf Bros.	"	Cigars	"	full
353	" "	J. Brown	"	Church furniture	"	part
354	" "	A. Jacobson	"	Printed matter	"	full
355	" "	A. Jacobson	"	Laundry work	"	part
356	" "	H. S. Meredith	"	Cigars	"	"
357	" "	A. Hansen	"	Cigars	"	full
358	" "	Burke & Pinkerton	"	Shippers	"	part
359	" "	Camel Bros.	"	Cigars	"	full
360	" "	Leah & Co.	"	Brew and salt water	"	"
361	" "	A. Lohr	"	Cigars	"	"
362	" "	John Merckel	"	Pumps	idle	"
363	" "	F. J. Ford	"	Electricity repairs	"	"
364	" "	Cincinnati Street Railway Co.	"	Repairing street cars	running	full
365	" "	The Stanley Works	"	Printed matter	"	"
366	" "	J. S. Hansen	"	Brew and salt water	"	"
367	" "	J. S. Hansen	"	Brew and salt water	"	"
368	" "	J. S. Hansen	"	Brew and salt water	"	"
369	" "	J. S. Hansen	"	Brew and salt water	"	"
370	" "	J. S. Hansen	"	Brew and salt water	"	"
371	" "	J. S. Hansen	"	Brew and salt water	"	"
372	" "	J. S. Hansen	"	Brew and salt water	"	"
373	" "	J. S. Hansen	"	Brew and salt water	"	"
374	" "	J. S. Hansen	"	Brew and salt water	"	"
375	" "	J. S. Hansen	"	Brew and salt water	"	"
376	" "	J. S. Hansen	"	Brew and salt water	"	"
377	" "	J. S. Hansen	"	Brew and salt water	"	"
378	" "	J. S. Hansen	"	Brew and salt water	"	"
379	" "	J. S. Hansen	"	Brew and salt water	"	"
380	" "	J. S. Hansen	"	Brew and salt water	"	"
381	" "	J. S. Hansen	"	Brew and salt water	"	"
382	" "	J. S. Hansen	"	Brew and salt water	"	"
383	" "	J. S. Hansen	"	Brew and salt water	"	"
384	" "	J. S. Hansen	"	Brew and salt water	"	"
385	" "	J. S. Hansen	"	Brew and salt water	"	"
386	" "	J. S. Hansen	"	Brew and salt water	"	"
387	" "	J. S. Hansen	"	Brew and salt water	"	"
388	" "	J. S. Hansen	"	Brew and salt water	"	"
389	" "	J. S. Hansen	"	Brew and salt water	"	"
390	" "	J. S. Hansen	"	Brew and salt water	"	"
391	" "	J. S. Hansen	"	Brew and salt water	"	"
392	" "	J. S. Hansen	"	Brew and salt water	"	"
393	" "	J. S. Hansen	"	Brew and salt water	"	"
394	" "	J. S. Hansen	"	Brew and salt water	"	"
395	" "	J. S. Hansen	"	Brew and salt water	"	"
396	" "	J. S. Hansen	"	Brew and salt water	"	"
397	" "	J. S. Hansen	"	Brew and salt water	"	"
398	" "	J. S. Hansen	"	Brew and salt water	"	"
399	" "	J. S. Hansen	"	Brew and salt water	"	"
400	" "	J. S. Hansen	"	Brew and salt water	"	"

SECOND ANNUAL REPORT.

9

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.		Hours per week at present time.		Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner.	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.		Males.	Females.							Males.	Females.									
60	60	15	6	none	no				no		\$250	no	none	none	no	10		60	yes	no	yes	yes	142
48	48	2	"	"	"				"		80	"	1	none		2		45	"	"	yes	"	143
54	54	4	"	1	"				"		420	"	none	none		2		80	"	"	"	"	144
48	48	12	2	none	red.	10			"		100	"	"	"		2		80	"	"	"	"	145
											120	"	"	"				80	"	"	"	"	146
48	48	4	3	"	no				"		110	"	"	"	"	2		60	"	"	"	"	147
54	54	5	4	"	"				"		190	"	"	"	"	2		80	"	"	yes	"	148
60	54	5	3	"	"				"		140	"	"	"	"	10		60	"	"	"	"	149
48	48	38	88	"	red.	10			"		3,510	"	"	"	"	8		80	"	"	"	"	150
60	54	5	4	"	no				"		180	"	"	"	"	10		80	"	"	"	"	151
60	30	9	4	1	"				"		190	"	"	"	"	10		60	"	"	yes	"	152
48	48	4	2	1	"				"		75	"	"	"	"	8		80	"	"	"	"	153
54	54	4	3	none	"				"		78	"	"	"	"	9	no	80	"	"	yes	"	154
60	48	6	4	"	red.	10			"		100	"	"	"	"	10		80	"	"	"	"	155
48	48	5	3	1	"				"		190	"	"	"	"	8		80	"	"	"	"	156
		10																					157
48	48	6	4	none	no				no		150	no	1	none	no	8	no	80	yes	no	yes	yes	158
60	60	5	4	"	"				"		130	"	1	"	"	8	no	80	"	"	yes	"	159
54	54	47	35	"	red.	15			"		425	"	none	"	"	9	no	60	"	"	"	"	160
60	54	12	8	"	no				"		390	"	"	"	"	10	no	80	"	"	"	"	161
60	60	15	4	"	"				red.	8	160	"	"	"	"	10	"	*30	"	"	yes	"	162
60	60	4	3	"	"				no		87	"	"	"	"	10	"	60	"	"	"	"	163
54	54	12	12	"	"				"		650	"	"	"	"	9	"	80	"	"	"	"	164
42	42	3	1	2	"				"		100	"	"	"	"	7	"	60	"	"	yes	"	165
		20																					166
48	48	3	3	none	no				no		90	1	1	none	no	8	no	80	yes	no	yes	yes	167
48	48	4	3	"	"				"		100	no	none	"	"	8	no	80	"	"	"	"	168
54	54	6	3	1	"				"		185	"	"	"	"	9	"	80	"	"	yes	"	169
48	48	14	5	2	"				"		400	"	"	"	"	8	"	80	"	"	"	"	170
60	30	8	3	none	"				"		100	"	"	"	"	10	"	80	"	"	yes	"	171
48	48	6	4	"	"				"		110	"	"	"	"	8	"	60	"	"	"	"	172
48	48	4	3	"	"				"		90	"	"	"	"	8	no	60	"	"	"	"	173
60	30	12	8	"	"				"		420	"	1	"	"	10	"	80	"	"	yes	"	174
60	60	4	3	"	"				"		170	"	none	"	"	10	"	60	"	"	"	"	175
60	54	8	2	3	"				"		145	"	"	"	"	10	"	60	"	"	"	"	176
48	48	6	2	2	"				"		170	"	"	1	"	8	"	80	"	"	"	"	177
60	48	4	3	none	"				"		118	"	"	none	"	10	"	60	"	"	"	"	178
48	48	11	7	"	"				"		340	"	"	"	"	8	"	60	"	"	"	"	179
60	60	8	4	"	"				"		165	"	"	"	"	10	"	60	"	"	yes	"	180
48	48	3	2	"	"				"		80	"	"	"	"	8	"	60	"	"	"	"	181
		4																					182
60	60	15	15	none	no				no		575	no	none	none	no	10	no	60	yes	no	yes	yes	183
60	60	5	5	"	"				"		230	no	1	1	"	10	"	60	"	"	"	"	184
54	54	6	5	1	"				"		220	"	none	"	"	9	"	80	"	"	"	"	185
54	54	5	3	2	"				"		150	"	"	"	"	9	"	60	"	"	"	"	187
60	60	4	4	none	"				"		140	"	"	"	"	10	"	60	"	"	"	"	188
60	54	10	5	"	"				"		225	"	"	"	"	10	"	60	"	"	yes	"	189
60	60	40	35	5	"				"		430	"	"	"	"	10	"	60	"	"	"	"	190

* Shorter dinner hour allowed by Inspector.

Inspection book No. 5.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1904.						
191	Apr. 17	P. Gonin	Detroit	Lime, crocks, etc.	ring	full
192	" 17	Detroit Chemical Works	"	Acid phosphate of lime	"	"
193	" 17	Pt. Wayne & Belle Isle St. R. R. Co.	"	Repairing cars, etc.	"	"
194	" 17	"	"	Electric power	"	"
195	" 16	Cardoni Monumental Works	"	Monuments, etc.	"	"
196	" 16	Ang. Bennett	"	Wagons	"	"
197	" 16	Ed. Flaherty	"	Cigars	"	"
198	" 16	A. Schmid	"	Macaroni and noodles	"	part
199	" 16	M. McNamara	"	Varnishes and japans	"	"
200	" 20	Snedden & Hatheway	"	Boots and shoes	"	full
201	" 20	Hooper & Patton	"	Sash, doors and blinds	"	"
202	" 20	Schulte Soap Co.	"	Soap	"	"
203	" 20	H. Beaume & Son	"	Lime and tile	"	"
204	" 20	American Patent Brush Co.	"	Brushes	"	"
205	" 20	U. S. Electric Lamp Lighter Co.	"	Electric cigar lighters	"	"
206	" 21	Winfelt & Harris	"	Carriages	"	"
207	" 21	T. H. Girardin Shirt Factory	"	Shirts	"	part
208	" 23	H. Dietz	"	Cigars	"	full
209	" 23	Gebhard Paper Co.	"	Printers' supplies	"	"
210	" 23	Eckhardt & Bros.	"	Tobacco	"	"
211	" 23	Schlöss Bros. & Co.	"	Men's clothing	"	"
212	" 23	The Fee & Brown Co.	"	Pickles, etc.	"	"
213	" 24	W. H. Swail	"	Printed matter	"	"
214	" 24	Kendall & Flower	"	"	"	"
215	" 24	James Markey	"	"	"	part
216	" 24	Cliff & Higgins	"	Book binding	"	full
217	" 25	Critic Publishing Co.	"	Printed matter	"	"
218	" 25	The Speaker Printing Co.	"	"	"	"
219	" 25	C. W. Johnson & Co.	"	Labels	"	"
220	" 25	Jasmichen & Nageborn	"	Repairing machinery	"	"
221	" 25	W. F. Moore	"	Printed matter	"	"
222	" 26	G. Mohring's Steam Bakery	"	Bread and pretzels	"	"
223	" 26	E. J. McClellan	"	Wagons	"	"
224	" 26	Geo. Norris & Co.	"	Pap.	"	part
225	" 27	Detroit Laundry	"	Laundry work	"	"
226	" 27	J. J. Toner	"	Wagons and carriages	"	"
227	" 27	P. Christa & Sons, No. 3	"	Cut stone	"	full
228	" 27	Michigan Adamant Plaster Co.	"	Wall plaster	"	part
229	" 28	David Patterson	"	Cut stone	"	full
230	" 28	Detroit Gas Light Co.	"	Coal and water gas	"	"
231	" 29	Frank H. West	"	Printed matter	"	"
232	" 29	Marmair & Co.	"	" etc.	"	"
233	" 29	E. D. Smith	"	Cigars	"	"
234	" 29	J. E. Scripps	"	Printed matter	"	"
235	May 1	F. F. Collier	"	"	"	"
236	" 1	The Detroit Journal	"	"	"	"
237	" 1	Habbin Electrotyping Co.	"	Electrotyping	"	part
238	" 1	Geo. J. Hiller	"	Binding books	"	full

SECOND ANNUAL REPORT.

11

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1891?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable wash-rooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60 80	4		3	none	no		no		\$140	no	none	none	no	10	no	60	yes	no	yes	yes	191
63 63	12		12	"	red.	10	"		600	"	"	"	"	10 1/2	"	30	"	"	"	"	192
60 80	15		15	"	no	"	"		780	"	"	"	"	10	"	60	"	"	"	"	193
72 72	10		10	"	"	"	"		400	"	"	"	"	12	"	60	"	"	"	"	194
54 54	10		3	"	"	"	"		175	"	"	"	"	9	"	60	"	"	"	"	195
60 60	4		3	"	red.	5	"		170	"	"	"	"	10	"	60	"	"	"	"	196
48 48	3		2	"	no	"	"		95	"	"	1	"	8	"	60	"	"	yes	"	197
60 80	6		2	2	"	"	"		120	"	"	none	"	10	"	60	"	"	"	"	198
60 54	6		6	none	"	"	"		265	"	"	"	"	10	"	60	"	"	"	"	199
60 60	100		42	33	"	"	"		3,000	"	"	"	"	10	"	45	"	"	"	"	200
54 54	12		6	none	"	"	"		290	"	"	"	"	9	"	60	"	"	no	"	201
60 60	12		12	"	"	"	"		624	"	"	"	"	10	"	60	"	"	yes	"	202
60 60	15		12	"	"	"	"		850	"	"	"	"	10	"	60	"	"	"	"	203
60 60	8 1/2		35	"	"	"	"		1,000	1	7	7	yes	10	"	60	"	"	"	"	204
54 54	20		9	1	"	"	"		550	no	none	none	no	9	"	60	"	"	"	"	205
60 60	12 1/2		9	none	"	"	"		540	"	"	"	"	10	"	60	"	"	"	"	206
54 54	6		1	4	"	"	"		180	"	"	"	"	9	"	60	no	"	"	"	207
54 48	20		7	13	"	"	"		640	"	"	3	yes	9	"	60	yes	"	"	"	208
48 48	7		7	none	"	"	"		390	"	1	none	no	8	"	60	"	"	"	"	209
54 54	80		12	40	"	"	"		500	"	none	11	yes	9	"	30	"	"	yes	"	210
60 60	12		10	2	"	"	"		600	"	"	none	no	10	"	60	"	"	yes	"	211
60 60	35		4	10	red.	10	"		600	"	"	"	"	10	"	30	"	"	"	"	212
42 42	5		5	none	no	"	"		250	"	"	"	"	7	"	60	"	"	"	"	213
54 54	4		3	"	"	"	"		150	"	"	"	"	9	"	60	"	"	"	"	214
54 48	6		4	"	"	"	"		180	"	"	"	"	9	"	60	"	"	"	"	215
54 54	14		6	6	"	"	"		440	"	"	"	"	9	"	60	"	"	"	"	216
54 54	7		5	1	"	"	"		300	"	"	"	"	9	"	60	"	"	"	"	217
58 56	6		1	none	"	"	"		410	"	1	"	yes	9	"	60	"	"	"	"	218
50 50	10		5	"	"	"	"		200	"	none	"	no	8 1/2	"	60	"	"	"	"	219
59 59	15		7	"	"	"	"		425	"	"	"	"	9 1/2	"	60	"	"	"	"	220
58 58	8		6	"	"	"	"		320	"	"	"	"	9	"	60	"	"	"	"	221
60 60	12		10	"	"	"	"		395	"	"	"	"	10	"	60	"	"	no	"	222
60 60	3		3	"	"	"	"		180	"	"	"	"	10	"	60	"	"	"	"	223
60 60	20		18	"	"	"	"		725	"	"	"	"	10	"	60	"	"	yes	"	224
60 54	5		2	2	"	"	"		140	"	"	"	"	10	"	60	"	"	"	"	225
60 54	4		3	none	"	"	"		140	"	"	"	"	10	"	60	"	"	"	"	226
60 60	4		3	"	"	"	"		125	"	"	"	"	10	"	60	"	"	yes	"	227
60 30	4		8	"	"	"	"		100	"	"	"	"	10	"	60	"	"	"	"	228
54 54	15		39	"	red.	10	"		500	"	"	"	"	9	"	60	"	"	yes	"	229
77 77	39		39	"	"	"	"		1,600	"	"	"	"	10	"	60	"	"	"	"	230
54 54	5		3	"	no	"	"		180	"	"	"	"	9	"	60	"	"	"	"	231
60 60	7		4	1	"	"	"		280	"	"	"	"	10	"	30	"	"	"	"	232
48 48	5		2	none	"	"	"		90	"	"	"	"	8	"	60	"	"	"	"	233
48 48	110		106	4	inc.	"	"		358	"	"	"	"	8	"	30	"	"	yes	"	234
50 50	8		6	2	no	"	"		358	"	"	"	"	7	"	90	"	"	"	"	235
54 54	125		121	4	"	"	"		7,000	"	"	"	"	9	"	+	"	"	"	"	236
60 54	9		5	1	"	"	"		240	"	"	"	"	10	"	60	"	"	"	"	237
54 54	22		7	15	"	"	"		700	"	"	3	yes	9	"	60	"	"	"	"	238

* Shorter dinner hour allowed by inspector.
† 80 and 60.

Inspection book No. 19.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
831	May 1	J. L. Buechner	Detroit	Nickle plating	r'ng	full
832	" 2	Chas. Wright & Co.	"	Medicines	"	"
833	" 2	Parent & McCould	"	Wagons and carriages	"	part
834	" 2	John Davis & Co.	"	Baking powder, etc.	"	"
835	" 2	Robert Baxter	"	Brass goods	"	full
836	" 2	Mitchell Bros.	"	Feed and corn meal	"	"
837	" 3	The Conductor Pipe Co.	"	Corrugated pipe	"	"
838	" 3	Guyette & Co.	"	Pop	"	"
839	" 3	Mannausa & Wieber	"	Printed matter	"	"
840	" 3	Evening News	"	"	"	"
841	" 5	A. Neubronner	"	Wagon and carriages	"	"
842	" 5	Geo. F. Doemling	"	Furniture	"	"
843	" 7	G. O. Henderson	"	Repairing, etc.	"	part
844	" 7	J. G. Unsöld	"	Wagons	"	full
845	" 7	Maynard & Elmiger	"	Furniture	"	"
846	" 7	Albert Rohne & Co.	"	Iron works	"	"
847	" 7	R. H. Hall	"	Brick	"	"
848	" 8	Hall & Wolf	"	"	"	part
849	" 8	R. H. Hall No. 3	"	"	idle	"
850	" 8	Mich. Brass and Iron Works	"	Valves and fire plugs	r'ng	full
851	" 8	P. C. Wood	"	Wagons	"	part
852	" 8	C. S. Childs	"	Gas fitting, etc.	"	full
853	" 8	F. C. Beutcher	"	Carriages	"	part
854	" 9	Eberts Bro. & Co.	"	Iron and steel roofings	"	full
855	" 9	C. Goldner & Son	"	Wagons and carriages	"	"
856	" 9	The McAlpine Shoe Co.	"	Boots and shoes	"	part
857	" 11	C. Collins	"	Wagons	"	full
858	" 11	Kalghin, Price & Co.	"	Varnish	"	"
859	" 11	Wm. Schmooch	"	Carpets	"	part
860	" 11	Frederick P. Ingram & Co.	"	Drugs	"	full
861	" 15	B. J. Fafayta	"	Clothing	"	part
862	" 15	Chas. W. Herbat	"	"	"	full
863	" 15	Wyandotte, Detroit & River R. R. power house	"	Electric power	"	"
864	" 16	The Western Knitting Works	"	Gloves, mittens, etc.	"	"
865	" 16	H. A. Hurt	"	Wagons and carriages	"	"
866	" 16	Farraud, Williams & Clark	"	Drugs	"	"
867	" 17	Jacob Daniel & Sons	"	Brick	"	"
868	" 17	Frank Hynes	"	"	"	"
869	" 17	C. Clippert & Sons	"	"	"	"
870	" 17	J. C. McDonald	"	" and tile	"	"
871	" 17	C. Goldner & Sons	"	"	"	"
872	" 17	C. Clippert & Sons	"	"	"	"
873	" 17	Chas. Pittsman & Co.	"	Pants and overalls	idle	"
874	" 18	The Exposition Brewing Co.	Delray	Beer	r'ng	full
875	" 18	H. C. Roberts	Detroit	Wagons	"	"
876	" 18	Detroit City Glass Works	Delray	Window glass	"	"
877	" 18	Danush & Spader	Detroit	Wagons	"	part
878	" 18	M. J. Murlinger	Delray	Feed	"	full
879	" 18	Detroit Pearl Button Co.	Detroit	Pearl buttons	"	"

SECOND ANNUAL REPORT.

13

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 13 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.							Males.	Females.									
60 60	4	3	none	no	..	no	..	\$160	no	none	none	no	10	no	60	yes	no	yes	yes	821
57 57	80	18	12	..	..	..	..	1,800	..	..	1	9 1/2	..	..	*30	..	..	..	..	822
60 54	6	4	none	..	..	..	..	220	..	..	none	..	10	..	60	..	..	..	..	823
55 54	17	5	4	..	..	..	..	380	..	..	..	..	9	..	60	..	..	..	..	824
54 54	6	4	none	..	..	..	..	195	..	..	..	..	9	..	60	..	..	yes	..	825
60 60	8	8	..	..	..	..	..	300	..	..	..	..	10	..	*30	..	..	..	..	826
60 60	10	3	..	..	..	..	..	145	..	..	..	..	10	..	60	..	..	..	..	827
54 54	10	8	..	..	..	..	..	840	..	..	..	..	9	..	60	..	..	..	..	828
54 54	9	7	..	..	..	..	..	275	..	2	..	..	9 1/2	..	60	..	..	..	..	829
48 48	130	125	5	..	..	..	..	9,000	..	none	..	..	9 1/2	..	*30	..	..	..	..	830
60 60	6	4	none	..	..	..	..	230	..	..	..	..	10	..	60	..	..	..	..	831
54 54	8	5	..	..	..	..	..	235	..	..	..	..	9	..	60	..	..	yes	..	832
60 54	4	3	..	..	..	..	..	175	..	..	..	..	10	..	60	..	..	..	..	833
60 60	9	7	..	red.	10	..	..	320	..	..	..	..	10	..	60	..	..	..	..	834
54 54	10	3	..	no	..	..	..	190	..	..	..	..	9	..	60	no	..	yes	..	835
60 60	10	6	..	..	..	..	..	300	..	..	..	..	10	..	*30	..	..	..	..	836
54 54	87	56	11	..	red.	10	..	2,800	8	5	1	yes	9	..	60	yes	..	..	..	837
54 48	100	59	1	..	..	10	..	2,600	6	none	1	..	9	..	60	..	..	..	..	838
.. ..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	839
60 60	260	150	none	no	red.	10	..	5,900	no	3	none	yes	10	no	*30	yes	no	yes	yes	840
60 54	5	3	..	..	..	no	..	175	..	none	..	no	10	..	60	..	..	..	..	841
54 54	7	3	..	..	..	..	..	160	..	..	..	..	9	..	60	..	..	..	..	842
60 54	6	3	..	..	..	..	..	168	..	..	..	..	10	..	60	..	..	..	..	843
60 60	30	20	..	..	..	..	..	900	..	..	..	..	10	..	*30	..	..	yes	..	844
60 60	5	5	..	..	..	..	..	280	..	..	..	..	10	..	60	..	..	..	..	845
60 48	35	23	12	..	..	..	..	1,450	..	..	..	..	10	..	60	..	..	yes	..	846
60 60	4	4	none	..	..	..	..	225	..	..	..	..	10	..	60	..	..	..	..	847
60 60	5	4	..	..	..	..	..	240	..	..	..	..	10	..	60	..	..	yes	..	848
60 54	5	2	1	..	..	..	..	140	..	..	..	..	10	..	50	..	..	..	..	849
60 60	39	17	22	inc.	..	..	..	1,312	..	..	..	..	10	..	*30	..	..	..	..	850
54 30	8	4	2	no	..	..	..	325	..	..	..	..	9	..	60	..	..	..	..	851
60 60	12	8	4	..	..	..	..	720	..	..	..	..	10	..	60	..	..	..	..	852
60 60	15	15	..	..	..	..	..	1,000	..	..	..	..	10	..	60	..	..	yes	..	853
54 54	354	4	137	..	..	..	..	1,900	4	..	16	yes	9	..	60	..	..	..	..	854
60 60	6	6	none	..	..	..	..	365	no	none	none	no	10	..	60	..	..	..	..	855
54 54	66	65	1	..	..	..	..	..	..	..	..	..	9	..	60	..	..	yes	..	856
48 48	28	28	none	..	red.	10	..	1,200	..	1	..	yes	8	..	60	..	..	..	..	857
48 48	30	30	..	..	..	..	..	1,400	..	4	..	..	8	..	60	..	..	..	..	858
48 48	25	25	..	..	..	..	..	1,100	..	3	..	..	8	..	60	..	..	no	..	859
48 48	40	40	..	..	..	no	..	1,700	8	3	..	..	8	..	60	..	..	yes	..	860
48 48	30	30	..	..	red.	10	..	1,400	3	4	..	..	8	..	60	..	..	..	..	861
48 48	20	20	..	..	..	10	..	880	no	2	..	..	8	..	60	..	..	no	..	862
.. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	863
60 60	10	10	none	no	..	no	..	500	no	none	none	no	10	no	60	yes	no	yes	yes	864
60 60	3	3	..	..	..	..	..	130	..	..	..	..	10	..	60	..	..	..	..	865
48 48	50	50	..	..	red.	10	..	2,500	..	..	..	..	8	..	60	..	..	yes	..	866
60 54	4	3	..	..	no	..	..	120	..	..	..	..	10	..	60	..	..	..	..	867
60 60	3	3	..	..	..	..	..	190	..	..	..	..	10	..	60	..	..	yes	..	868
54 54	60	4	..	..	..	..	..	250	..	..	..	..	10	..	60	no	..	no	..	869

* Shorter dinner hour allowed by inspector.

Inspection book No. 20.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
870	May 18	Williams, Davis, Brooks & Co.	Detroit.	Drugs	run'g	full
871	" 21	Koppitz-Melcher Bottling Works.	"	Lager beer.	"	"
872	" 21	Koppitz-Melcher Brewing Co.	"	"	"	"
873	" 21	Conrad Pfeiffer, Brewery	"	"	"	"
874	" 23	Michigan Casket Co.	"	Caskets	"	"
875	" 23	Nagel & Fenske	"	Wagons and carriages.	"	"
876	" 23	Huebner Screen Door Co.	"	Screen doors	"	part
877	" 23	C. Wallfisch.	"	Buildings	idle	"
878	" 23	Hornor's Brewery.	"	Lager beer.	run'g	full
879	" 24	Lapp & Mosbe.	"	Plumbing, gas fitting.	"	"
880	" 24	Ekhardt & Becker Brewing Co.	"	Lager beer.	"	"
881	" 24	Ekhardt & Becker Bottling Works	"	Bottled beer.	"	"
882	" 24	Detroit Brewing Co.	"	Lager beer.	"	"
883	" 24	H. Casenbusch	"	Marble works	"	"
884	" 24	J. G. Junker	"	Wagons and carriages.	"	"
885	" 25	G. H. Lemmer.	"	Granite works.	"	"
886	" 25	F. W. Peel.	"	Monuments	"	"
887	" 25	Det. Cement & S. Pipe W'ks No. 2.	"	Sewer pipes	"	"
888	" 25	Wabash R. R. Car Shops	"	Repairing cars	"	"
889	" 25	Kausler & Brey	"	Wagons.	"	"
890	" 25	Wabash R. B. Shops, Loco. Dept.	"	Repairing locomotives	"	part
891	" 26	Columbia Brewing Co.	"	Lager beer.	"	full
892	" 26	Home Brewing Co.	"	"	"	"
893	" 26	Phoenix Brewery	"	"	"	"
894	" 26	Karle Sheet Iron Works.	"	Sheet iron, etc.	"	part
895	" 28	A. Funke Bottling Works.	"	Ginger ale and pop.	"	full
896	" 28	P. H. Nagel, Brewery	"	Lager beer.	"	"
897	" 28	A. Wegener, Bottling Works.	"	Pop and white beer	"	part
898	" 29	Central Brewery.	"	Lager beer.	"	full
899	" 29	J. Gmelner	"	Engraving	"	"
900	" 29	B. Stroh Brewing Co.	"	Lager beer.	"	"
901	" 31	B. Stroh Brew. Co., Bottling W'ks.	"	Bottled beer.	"	"
902	" 31	Goebel Brewing Co.	"	Lager beer.	"	"
903	" 31	Goebel Brewing Co., Bottling W'ks	"	"	"	"
904	" 31	A. Ruoff Brewing Co.	"	"	"	"
905	" 31	F. Fuchs & Sons.	"	Wood turning.	"	part
906	" 31	Mutual Brewing Co.	"	Lager beer.	"	full
907	" 31	Theo. Halseg	"	Wagons and carriages.	"	"
908	June 1	Thos. Zoltowski, Brewery	"	Lager beer.	"	"
909	" 1	Golue & Co.	"	Bottled beer.	"	"
910	" 1	Westphalia Brewing Co.	"	Lager beer.	"	"
911	" 1	Westphalia Bottling Works	"	Bottled beer.	"	"
912	" 1	Kast Side Brewing Co.	"	Lager beer.	"	"
913	" 1	Marsh & Lawrence	"	Mineral water.	"	"
914	" 1	Germania Brewing Co.	"	Lager beer.	"	"
915	" 1	L. H. Matsuka.	"	Picture frames, etc.	idle	"
916	" 2	Reuter & Kaiser	"	Lager beer.	run'g	part
917	" 2	J. De Guise, Bottling Works.	"	Pop and beer	"	"
918	" 2	Finlayson Boiler Co.	"	Boilers.	idle	"

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employes when running full capacity.	Number employes at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.	Males.							Females.										
56	56	160	120	40	no	inc.				no	none	none	no	9	no	60	yes	no	yes	870	
60	60	10	6	1	red.	no			\$450				no	10		60				871	
60	60	28	22	none				5	1,150				no	10		60				872	
60	60	13	13			no			750				no	10		60				873	
54	54	14	10						450				no	10		60				874	
60	60	5	3						180				no	10		60				875	
60	48	20	16						600		1		no	10		*30			yes	876	
60	60	40	3	none	no		no		165	no	none	none	no	10	no	60	yes	no	yes	877	
60	60	5	5						260				no	10		60				878	
60	60	8	3										no	10		60				879	
60	60	25	25						1,500				no	10		60			yes	880	
60	60	8	5	3					300				no	10		60				881	
60	60	30	30	none					1,750				no	10		60				882	
54	54	10	3						250				no	9		60				883	
60	60	6	5						250				no	10		45				884	
54	54	10	6						625				no	9		60				885	
54	54	12	12						780				no	9		60			yes	886	
60	60	5	4						200				no	10		60				887	
60	60	85	25						1,225				no	10		45				888	
60	60	4	3						175				no	10		60				889	
54	48	31	26						1,850				no	9		60			yes	890	
60	60	7	4						240				no	10		60				891	
60	60	10	10						480				no	10		60				892	
60	60	11	10	1					520				no	10		60				893	
60	54	10	7	none					370				no	10		60				894	
60	60	4	3						150				no	10		60				895	
60	60	3	3						165				no	10		60				896	
54	48	3	3						150				no	9		60				897	
60	60	4	3						165				no	10		60				898	
60	60	3	2						95				no	10		60			no	899	
54	54	66	66						8,000				no	9		45			yes	yes	900
54	54	40	18	15					1,500				no	9		45					901
60	60	48	42	none					2,150				no	10		60					902
60	60	12	6	4					650				no	10		60					903
60	60	14	13	1					840				no	10		60					904
60	48	5	3	none					120				no	10		60					905
60	60	4	4						230				no	10		60					906
60	60	5	3						155				no	10		60					907
60	60	4	4						225				no	10		60					908
60	60	3	3						170				no	10		60					909
60	60	8	8						520				no	10		45					910
60	60	4	4						260				no	10		60					911
60	60	6	5						325				no	10		60					912
60	60	6	3						155				no	10		45					913
60	60	7	5						810				no	10		60					914
60	54	12	8	none	no		no		490	no	none	none	no	10	no	60	yes	no	yes	yes	915
60	30	8	2						85	no			no	10		60					916
60	30	5											no								917
																					918

* Shorter dinner hour allowed by inspector.

Inspection book No. 21.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
919	June 2	Voigt Brewery Co.	Detroit	Bottled Beer	r'ng	full
920	" 2	The Voigt Brewery Co.	"	Lager beer	"	"
921	" 4	Thos. McGrath Brewery	"	"	"	"
922	" 4	Vienna Brewing Co.	"	Ale, porter and beer	"	"
923	" 4	Michigan Capsule Co.	"	Capsules	idle	"
924	" 4	R. Helson	"	Buildings	r'ng	part
925	" 4	Detroit Cement Sewer Pipe Works	"	Cement and sewer pipe	"	full
926	" 4	West Side Brewery	"	Lager beer and porter	"	"
927	" 5	Haggerty Bros.	"	Brick	"	"
928	" 5	Dennis Bourke	"	"	"	"
929	" 5	Andrew Lonyo	"	"	"	"
930	" 5	A. H. Schmittedel	"	"	"	"
931	" 5	J. H. Clizly	"	"	"	"
932	" 6	Ph. Kling's Brewery Co.	"	Lager beer, ale, porter	"	"
933	" 6	Honae of the Good Shepard	"	Laundry	"	"
934	" 6	" " " "	"	Tailoring	"	"
935	" 6	Water Lily Kollar and Knuff Co.	"	Pearl buttons	"	"
936	" 7	White Eagle Brewery	"	Lager	"	"
937	" 7	R. Knodel	"	Bottle works	"	"
938	" 7	Thos. A. Jones	"	Cigars	"	part
939	" 7	H. Hehler	"	Wagons	"	full
940	" 7	Canada Malt Co.	"	Malt	idle	"
941	" 7	Detroit Stave and Heading Works	"	Staves	r'ng	full
942	" 7	Archer & Collins	"	Brick	"	"
943	" 8	Lawn & Astleford	"	Wagons	"	"
944	" 8	Adam Sippel	"	Wagons and carriages	"	"
945	" 8	Chas. Jack	"	Bottling works	"	part
946	" 8	A. Hupprich	"	Flower pots	"	full
947	" 8	J. France	"	Cider and ginger beer	"	"
948	" 8	Union Depot Elevator Co.	"	Clean and elevate grain	"	"
949	" 9	E. Gordon	"	Screen doors	"	part
950	" 9	M. C. R. R. Elevator (B)	"	Clean and elevate grain	"	"
951	" 11	Crescent Manufacturing Co.	"	Nail keg staves	"	full
952	" 11	Detroit R. R. Elevator Co.	"	Clean and elevate grain	"	"
953	" 12	Jas. Hogan	"	Bottling works	"	"
954	" 12	F. E. Brown	"	Baskets	"	"
955	" 12	A. Weiner	"	Cigars	"	"
956	" 12	Jacob. Beck & Sons	"	Corn meal	"	"
957	" 12	Peninsular Broom Co.	"	Brooms	"	"
958	" 13	Frank Bros.	"	Sorted rags, etc.	"	"
959	" 13	R. M. Kern	"	Jewelers' goods	"	"
960	" 13	M. C. R. R. Elevator (A)	"	Clean and elevate grain	"	"
961	" 13	Michigan Catholic Newspaper	"	Printed matter	"	"
962	" 13	Alex Gordon	"	Cigars	"	"
963	" 14	Wolverine Laundry Co.	"	Laundry work	"	"
964	" 14	J. M. Flinn Ice Cream Co.	"	Ice cream	"	"
965	" 14	Sutton Manufacturing Co., No. 1	"	Patent barrels	"	part
966	" 14	Detroit Dress Stay Co.	"	Dress stays	"	full
967	" 14	Eureka Laundry	"	Laundry work	"	part

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
57 57	12	9	none	no	no	no	no	no	\$350	no	1	none	no	10	no	60	yes	no	yes	yes	919
60 60	40	32	8	no	no	no	no	no	2,000	no	none	no	no	10	no	60	no	no	yes	yes	920
60 60	18	8	no	no	no	no	no	no	495	no	no	no	no	70	no	60	no	no	yes	yes	921
60 60	20	15	no	no	no	no	no	no	800	no	no	no	no	10	no	60	no	no	yes	yes	922
60 60	30	no	no	no	no	no	no	no	no	no	no	no	no	no	no	60	no	no	yes	yes	923
54 42	40	12	none	no	red.	no	no	no	380	no	none	none	no	7	no	60	yes	no	yes	yes	924
48 48	8	8	no	no	no	no	no	no	860	no	no	no	no	8	no	60	no	no	yes	yes	925
60 60	22	20	no	no	red.	no	no	no	1,200	no	no	no	no	10	no	60	no	no	yes	yes	926
48 48	14	14	no	no	red.	10	no	no	450	no	no	no	no	8	no	60	no	no	yes	yes	927
48 48	24	24	no	no	no	no	no	no	1,200	no	4	no	no	8	no	60	no	no	yes	yes	928
48 48	26	26	no	no	no	no	no	no	1,275	4	6	no	no	8	no	60	no	no	yes	yes	929
48 48	84	28	2	no	no	no	no	no	1,420	no	none	no	no	8	no	60	no	no	yes	yes	930
48 48	28	28	none	no	no	no	no	no	1,300	no	no	no	no	8	no	60	no	no	yes	yes	931
60 60	35	33	2	no	no	no	no	no	2,000	no	no	no	no	10	no	60	no	no	yes	yes	932
60 60	36	36	none	no	no	no	no	no	no	no	no	no	no	10	no	60	yes	no	yes	yes	933
60 60	30	30	no	no	no	no	no	no	no	no	no	no	yes	10	no	60	no	no	yes	yes	934
60 60	6	3	1	no	no	no	no	no	190	no	no	no	no	10	no	60	no	no	yes	yes	935
60 60	20	16	none	no	no	no	no	no	800	no	no	no	no	10	no	60	no	no	yes	yes	936
60 60	4	2	2	no	no	no	no	no	150	no	no	no	no	10	no	60	no	no	yes	yes	937
54 48	25	6	3	no	no	no	no	no	450	no	no	no	yes	8	no	60	no	no	yes	yes	938
60 60	4	3	none	no	no	no	no	no	160	no	no	no	no	10	no	60	no	no	yes	yes	939
60 60	125	33	none	no	no	no	no	no	1,100	5	7	none	yes	10	no	60	yes	no	yes	yes	940
48 48	25	25	no	no	red.	no	no	no	1,225	no	8	no	no	8	no	60	no	no	yes	yes	941
60 60	5	3	no	no	no	no	no	no	165	no	no	no	no	10	no	60	no	no	yes	yes	942
60 60	5	8	no	no	no	no	no	no	145	no	no	no	no	10	no	60	no	no	yes	yes	943
60 54	5	2	1	no	no	no	no	no	110	no	no	no	no	10	no	60	no	no	yes	yes	944
60 60	6	4	none	no	no	no	no	no	180	no	no	no	no	10	no	60	no	no	yes	yes	945
60 60	6	3	no	no	no	no	no	no	125	no	no	no	no	10	no	60	no	no	yes	yes	946
60 60	30	15	no	red.	5	no	no	no	600	no	no	no	no	10	no	60	no	no	yes	yes	947
60 54	12	5	no	no	no	no	no	no	210	no	no	no	no	9	no	60	no	no	yes	yes	948
60 54	15	9	no	no	no	no	no	no	450	no	no	no	no	8	no	60	no	no	yes	yes	949
60 60	37	36	1	no	no	no	no	no	1,250	5	no	no	no	10	no	45	no	no	yes	yes	950
60 60	25	12	none	no	red.	10	no	no	650	no	no	no	no	10	no	60	no	no	yes	yes	951
60 60	4	2	no	no	no	no	no	no	85	no	no	no	no	10	no	60	no	no	yes	yes	952
60 60	8	4	1	no	no	no	no	no	200	no	no	no	no	10	no	60	no	no	yes	yes	953
60 60	4	3	none	no	no	no	no	no	110	no	no	no	no	8	no	60	no	no	yes	yes	954
60 60	35	20	15	no	no	no	no	no	1,375	no	no	no	yes	10	no	60	no	no	yes	yes	955
60 60	28	18	10	no	no	no	no	no	950	1	no	no	no	10	no	60	no	no	yes	yes	956
48 48	20	5	15	no	no	no	no	no	500	no	no	no	no	8	no	60	no	no	yes	yes	957
54 54	10	8	none	no	no	no	no	no	425	no	no	no	no	9	no	60	no	no	yes	yes	958
60 60	24	4	no	no	no	no	no	no	200	no	no	no	no	10	no	60	no	no	yes	yes	959
54 54	5	4	1	no	no	no	no	no	300	no	no	no	no	9	no	60	no	no	yes	yes	960
48 48	241	11	136	no	no	no	no	no	3,000	no	no	no	yes	8	no	45	no	no	yes	yes	961
54 54	5	2	none	no	no	no	no	no	75	no	no	no	no	9	no	60	no	no	yes	yes	962
60 65	18	18	no	red.	10	no	no	no	925	no	no	no	no	11	no	60	no	no	yes	yes	963
60 48	8	8	no	no	no	no	no	no	320	no	no	no	no	8	no	60	no	no	yes	yes	964
54 54	90	5	40	no	no	no	no	no	1,300	no	no	2	yes	9	no	60	no	no	yes	yes	965
54 48	4	3	none	no	no	no	no	no	90	no	no	no	no	8	no	60	no	no	yes	yes	966
54 48	4	3	none	no	no	no	no	no	90	no	no	no	no	8	no	60	no	no	yes	yes	967

Inspection book No. 22.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1894	June 14	Detroit Sanitary Supply Co.	Detroit	Sanitary supplies	ring	full
1895	" 15	The Oakwell-Hicks Manuf'g Co.	"	Bak'g powd'r, extr's, etc.	"	"
1896	" 15	Hamilton Cardhardt Co.	"	Working garments	"	part
1897	" 15	John Whitaker & Co.	"	General builders	"	full
1898	" 15	A. Kroebig	"	Wagons and carriages	"	part
1899	" 15	Wm. Rowe	"	Printed matter	"	full
1900	" 15	Michigan Car Co.	"	Cars	"	part
1901	" 15	Michigan Foundry Pipe Works	"	Water pipes	idle	"
1902	" 15	Michigan Foundry Department	"	Car wheels and castings	ring	part
1903	" 15	O. A. Turvey	"	Fruit, jellies and extracts	"	full
1904	" 15	Detroit Pressed Brick Co.	"	Common & pressed brick	"	"
1905	" 15	Pease Barus	"	Brick	"	"
1906	" 15	Seagin & Roseth	"	Pins	"	"
1907	" 15	Wyandotte Boat Co.	Wyandotte	Steam yachts & row boats	"	"
1908	" 15	D. H. Russell	"	Staves and hoops	"	"
1909	" 15	Eureka Brewing Co.	"	Lager beer	"	"
1910	" 15	J. H. Hubby & Co.	"	Kubies, rugs and fur coats	"	"
1911	" 15	Eureka Laundry	"	Laundry work	"	"
1912	" 15	Eureka Sash & Co.	"	Trunks and bags	"	"
1913	" 15	E. W. Hopkins	"	Shed, doors and blinds	"	part
1914	" 15	Wyandotte Brewing Co.	"	Lager beer	"	full
1915	" 15	Wyandotte City Mills	"	Flour and feed	"	"
1916	" 15	Wyandotte Foundry	"	Printed matter	"	"
1917	" 15	Wyandotte city water works	"	Water works	"	"
1918	" 15	Eureka Iron and Steel Co.	"	Charcoal, pig iron, etc.	idle	"
1919	" 15	Wm. Gorman	"	Chairs	ring	full
1920	" 15	Shelly & Robertson	"	Hoops and staves	"	"
1921	" 15	J. Girardin	"	Wagons and carriages	"	part
1922	" 15	Detroit Stave and Hoop Co.	"	Staves and hoops	"	full
1923	" 15	J. S. Johnson & Son	"	Wagons and carriages	"	"
1924	" 15	J. B. Ford & Co.	"	Soda ash	"	"
1925	" 15	Lowy & Murry	"	Lumber	"	part
1926	" 15	Detroit City Dock Co.	"	Steamships	idle	"
1927	" 15	Wyandotte Electric Light Co.	"	Electric lights	ring	full
1928	" 15	Trotter Creamery Co.	Trotter	Butter and cream	"	"
1929	" 15	Trotter Mills	"	Flour and feed	"	part
1930	" 15	Blum & Company Co.	"	Staves, headings & hoops	"	full
1931	" 15	E. H. Hall	River Rouge	Brick	"	"
1932	" 15	J. Garbino	Detroit	Brick, etc.	"	"
1933	" 15	Putzer Printing Co.	"	Printed matter	"	"
1934	" 15	Detroit Vinegar and Pickling Co.	"	Vinegar, pickles & jams	"	"
1935	" 15	Benjamin A. Allen	"	Capers	"	"
1936	" 15	Grady Paper Manufacturing Co.	"	Paper	"	"
1937	" 15	E. W. Simpson	"	Food	"	"
1938	" 15	Chas. Krueger	"	Painted goods	"	"
1939	" 15	Champion Steam Carpet Weaver	"	Carpet, stained	"	"
1940	" 15	Detroit Flower Pot Factory	"	Flower pots	"	"
1941	" 15	Michigan Manufacturing Works	"	Saltwater	"	"
1942	" 15	Greenleaf Saw	"	Saw	idle	"

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
Males.	Females.										Males.	Females.									
60 60	27	24	none	red.	10	no			\$1,200	no	none	none	no	10	no	60	yes	no	yes	yes	968
54 54	13	11		no					525				no	9		90					969
54 48	110	8	102						2,500	5		14	yes	8		*30					970
54 54	8	4	none						210	no		none	no	9		45					971
60 54	7	7							350				no	9		60					972
60 60	6	6							260	1				10		60			yes		973
60 45	1,500	75		red.	10				3,000	no				6½		60					974
60 45	500	100	none	red.	10	no			5,000	no	none	none	no	6½	no	60	yes	no	yes	yes	975
60 60	8	7		no					255				no	10		60					976
60 60	50	27	3		red.	10			1,500		3		yes	10		60					977
48 48	20	20	none			10			980		none			8		60					978
60 60	10	8	2	red.	5	no			580					10		60					979
60 60	50	29	1	no	red.	20			1,450				no	10		60					980
60 60	131	113	none		no				4,500		1			10		60					981
60 60	6	5							280		none			10		60					982
60 60	225	62	57	red.	10	red.	5		3,000				yes	10		60					983
60 60	4	2				no			150					10		60					984
60 60	85	37	8	red.	10				2,500		1	1		10		60					985
60 30	6	2	none	no					90		none	none		5		60					986
60 60	8	5							250					10		60					987
60 60	3	3							130							60					988
59 59	4	2	1						125					10		60					989
72 72	5	5	none						280					12		60					990
--	300																				991
48 48	4	2	none	no		no			95	no	none	none	no	8	no	60	yes	no	yes	yes	992
60 60	50	37		red.	8				1,300		13		yes	10		60			yes		993
60 54	5	3		no					125					9		60					994
60 60	106	106		red.	10				3,500		6		yes	10		50			yes		995
60 60	3	3		no					120		none		no	10		60					996
84 84	90	90							3,600					14		60			yes		997
60 30	6	6							280					5		60					998
--	400																				999
84 84	3	2	none	no		no			150	no	none	none	no	14	no	60	yes	no	yes	yes	1000
60 60	3	2							80					10		60					1001
60 30	4	2							70					5		60					1002
60 60	60	60							3,500	2		4	yes	10		80			no		1003
48 48	70	65	5		red.	10			3,500	8	none			8		80			yes		1004
60 60	5	3	2		no				230	no				10		60					1005
54 54	6	3	none						165					9		60					1006
60 60	12	4	2						300					10		60					1007
48 48	6	4	none						320					8		60					1008
48 48	6	3							180					8		80					1009
60 60	4	3							165					10		80			yes		1010
60 60	5	3	1						200					10		80					1011
60 60	6	6							250					10		60					1012
55 55	14	14							480		3		yes	9		80					1013
60 60	10	5							260		none			10		80					1014
--	20																				1015
--																					1016

* Shorter dinner hour allowed by inspector.

Inspection book No. 23.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1017	July 10	A. Little	Detroit	Brick	idle	part
1018	" 10	Lonyo Bros.	"	"	r'ng	"
1019	" 10	Gruesel Bros. No. 2	"	"	idle	"
1020	" 10	Haggerty & Proctor	"	"	"	"
1021	" 10	J. H. Chixly No. 2	Springwells	"	"	"
1022	" 12	Huron Valley Creamery	Flat Rock	Butter and cream	r'ng	full
1023	" 12	Huron Valley Roller Mills	"	Flour and feed	"	"
1024	" 12	Fred Burden	"	Wagons and carriages	"	"
1025	" 12	G. W. Metler & Son	"	Timber and lumber	"	"
1026	" 12	Wayne County Bending Works	"	Timber and wag'n ma'als	idle	"
1027	" 12	W. H. Walters	"	Timber and lumber	"	"
1028	" 14	J. D. Scoval	Detroit	Building	r'ng	full
1029	" 14	Michigan Bung Co.	"	Wooden bungs	"	"
1030	" 14	Barner & Penton	"	Bicycles	"	"
1031	" 14	N. S. Whipple	"	Flouring mill	idle	"
1032	" 16	Detroit Sulphite Fibre Co.	Springwells	Paper	r'ng	full
1033	" 16	G. H. Parker	"	Lard, etc.	"	"
1034	" 16	Brownlee & Co.	River Rouge	Lumber and timber	"	"
1035	" 16	Salliotte & Ferguson	"	"	"	"
1036	" 17	Sutton Manufacturing Co. No. 1	Delray	Pails and barrel headings	"	part
1037	" 17	Delta Lumber Co.	"	Lumber, sash, etc.	"	full
1038	" 17	H. S. Robinson & Co.	Detroit	Boots and shoes	"	"
1039	" 20	Morton & Backus Lumber Co.	"	Dressed lumber	"	part
1040	" 20	Clark Dry Dock Co.	"	Steam ships and boats	"	"
1041	" 20	Galvin Valve and Hydrant Works	"	Hydrants and valves	"	"
1042	" 20	The Collier St'm Yacht and Eng. Co.	"	Yachts and engines	"	full
1043	" 20	J. Sprenger	"	Boilers and stacks	"	"
1044	" 23	Detroit Graphite Manufact'g Co.	"	Paints and lubricants	"	"
1045	" 23	Lake Superior Graphite Co.	"	Pulverized graphite	"	full
1046	" 23	E. Starret	"	Planing mill	"	"
1047	" 23	Yeomans & Cheesbrough	"	Planing mill and boxes	"	part
1048	" 24	The St. Clair Soap Co.	"	Laundry soaps	"	full
1049	" 24	H. Houghten	"	Lime, stone and sewer p.	"	"
1050	" 24	J. B. Wilson & Co.	"	Repairing and building	"	part
1051	" 24	J. Beyster	"	Boxes and lumber	"	"
1052	" 25	Michigan Malleable Iron Works	"	Malleable iron	"	"
1053	" 25	Belnap, Essler & Co.	"	Wagons and trucks	"	full
1054	" 25	Wm. Wright & Co.	"	Furniture, etc.	"	part
1055	" 25	Wm. Steinbrecher	"	Wagons and trucks	"	full
1056	" 26	Peninsular Stove Co.	"	Stoves and furnaces	"	part
1057	" 26	A. Backus, Jr., & Sons	"	Boxes and lumber	"	"
1058	" 27	Water Lily Kollar and Kuff Co.	"	Collars and cuffs	"	full
1059	" 27	Central Boiler Works	"	Boilers	"	part
1060	" 27	Coöperative Foundry Co.	"	Castings	"	"
1061	" 27	Murdock Valve Co.	"	Valves and pumps	"	full
1062	" 28	The C. P. Sherman Co.	"	Pop and bottled beer	"	part
1063	Aug. 6	American Injector Co.	"	Injectors and pumps	"	full
1064	" 6	The Hunt Chair Co.	"	Chairs and rockers	"	part
1065	" 7	Buhl Iron Works	"	Engines and castings	idle	"

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable wash rooms and water closets provided?	Inspection number.	
		Males.	Females.	Males.							Females.											
48 30	20 30	17	none	red.	10	no		\$850	no	none	none		5	no		60	yes	no	yes	yes	1017	
	20 30																				1018	
	20 30																				1019	
	20 30																				1020	
60 60	3 3	3	3	none	no	no		120	no	none	none		10	no		60	yes	no	yes	yes	1022	
60 60	3 3	3	3	"	"	"		145	"	"	"		10	"		60	"	"	"	"	1023	
60 60	4 4	4	4	"	"	"		185	"	"	"		10	"		60	"	"	"	"	1024	
60 60	9 9	9	9	"	"	"		370	"	"	"		10	"		60	"	"	"	"	1025	
	20 30																				1026	
	9 9	6	3	none	red.	10	no		250	no	none	none		9	no		60	yes	no	yes	yes	1027
54 54	9 9	3	3	"	no	"	"		150	"	"	"		10	"		60	"	"	"	"	1028
60 60	4 4	3	5	"	"	"	"		200	"	"	"		10	"		60	"	"	"	"	1029
60 60	5 5																				1030	
60 60	72 4	64	3	1	no	no		2,000	no	none	none		10	no		60	yes	no	yes	yes	1032	
60 60	100 65	65	30	"	"	"	"	135	"	"	"		10	"		60	"	"	"	"	1033	
60 60	125 70	70	"	"	"	"	"	3,000	"	"	"		10	"		60	"	"	"	"	1034	
60 54	45 38	38	"	"	"	"	"	8,200	"	3	"		10	"		60	"	"	"	"	1035	
								1,200	"			yes	9	"		45	"	"	"	"	1036	
60 60	200 180	180	"	red.	10	"	"	4,300	"	none	"		10	"		45	"	"	"	"	1037	
60 60	90 40	40	25	no	"	"	"	2,000	"	"	"		10	"		60	"	"	"	"	1038	
60 30	20 14	14	none	"	"	"	"	500	"	"	"		5	"		45	"	"	"	"	1039	
60 30	150 12	12	"	"	"	"	"	400	"	"	"		5	"		60	"	"	"	"	1040	
60 30	35 12	12	"	"	"	"	"	550	"	"	"		5	"		45	"	"	"	"	1041	
60 60	20 6	6	"	"	"	"	"	300	"	"	"		10	"		60	"	"	"	"	1042	
60 60	15 6	6	"	"	"	"	"	275	"	"	"		10	"		60	"	"	"	"	1043	
60 60	12 5	5	"	"	"	"	"	300	"	"	"		10	"		60	"	"	"	"	1044	
60 60	4 2	2	"	"	"	"	"	100	"	"	"		10	"		60	"	"	"	"	1045	
60 60	13 12	12	"	"	"	"	"	525	"	"	"		10	"		60	"	"	"	"	1046	
60 48	65 35	35	"	"	"	"	"	1,300	"	"	"		8	"		50	"	"	"	"	1047	
60 60	7 4	4	1	"	"	"	"	175	"	"	"		10	"		60	"	"	"	"	1048	
60 60	30 29	29	1	"	"	"	"	1,425	"	"	"		10	"		60	"	"	"	"	1049	
60 30	65 20	20	none	"	"	"	"	950	"	"	"		5	"		60	"	"	"	"	1050	
60 54	60 30	30	"	"	"	"	"	1,500	"	"	"		9	"		60	"	"	"	"	1051	
60 54	200 107	107	"	"	"	"	"	300	"	"	"		9	"		50	"	"	"	"	1052	
60 60	7 5	5	"	"	"	"	"	250	"	"	"		10	"		45	"	"	"	"	1053	
54 30	100 75	75	"	"	"	"	"	3,000	"	"	"		5	"		60	"	"	"	"	1054	
60 60	6 4	4	"	"	"	"	"	165	"	"	"		10	"		60	"	"	"	"	1055	
60 50	450 500	500	"	"	red.	5		20,000	"	"	"		8½	"		60	"	"	yes	"	1056	
60 54	150 85	85	1	red.	10	no		1,900	"	10	"	yes	10	yes		45	"	"	"	"	1057	
54 54	80 3	3	11	no	"	"		475	"	none	"		9	no		60	"	"	"	"	1058	
60 30	30 12	12	none	"	"	red.		750	"	"	"		5	"		60	"	"	"	"	1059	
54 48	50 10	10	"	"	no	no		550	"	"	"		8	"		60	"	"	"	"	1060	
60 60	20 14	14	"	"	"	"		625	"	"	"		10	"		60	"	"	"	"	1061	
60 54	15 10	10	"	"	"	"		375	"	"	"		10	"		60	"	"	"	"	1063	
60 60	60 27	27	"	"	"	"		1,400	"	"	"	no	10	"		45	"	"	"	"	1063	
60 30	35 18	18	"	"	"	"		850	"	"	"		10	"		45	"	"	"	"	1064	
	150																				1065	

Inspection book No. 24.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1066	Aug. 7	American Paper Co.	Detroit	Metal, sorted rags, etc.	r'ng	full
1067	" 7	Fisher Electric Co.	"	Engines and dynamos.	"	"
1068	" 7	City Coffee and Spice Mills.	"	Ground coffee and spices	"	"
1069	" 7	H. McGraw	"	Oil cups, etc.	idle	"
1070	" 8	J. D. Mount & Co.	"	Heaters and steam fitters	r'ng	full
1071	" 8	A. Fisher	"	Carriages and sleighs.	"	"
1072	" 8	W. J. Burton	"	Metal goods.	"	"
1073	" 8	B. J. Guiney	"	Hot air furnaces.	"	"
1074	" 8	W. H. McClelland & Son.	"	Buildings.	"	part
1075	" 9	E. & E. Wuelfing	"	Machinery	"	full
1076	" 9	Richmond & Harris.	"	Buildings	"	"
1077	" 9	Wm. Suckert & Sons	"	Blank books.	"	"
1078	" 9	Grace Laundry	"	Laundry work.	"	"
1079	" 9	Hugh Johnson	"	Carriages and sleighs.	"	"
1080	" 9	Detroit Conf'y & Fruit Tablet Co.	"	Candies and tablets.	"	part
1081	" 10	Rousseau's Printing Co.	"	Printed matter.	"	full
1082	" 10	Friesema Bros. Printing Co.	"	"	"	"
1083	" 10	Williamson Manufacturing Co.	"	Perfumes.	"	"
1084	" 10	Western Paper Box Co.	"	Paper boxes.	"	"
1085	" 13	Buhl Stamping Co.	"	Milk cans, tinware, etc.	"	"
1086	" 13	Chas. Pohlman & Co.	"	Furniture.	"	"
1087	" 13	Detroit Carbonic Acid Gas Co.	"	Acid gas.	"	"
1088	" 13	Phoenix Wire Works.	"	Wire goods.	"	"
1089	" 14	Veneer Package Manufacturing Co.	"	Veneer, pails and cases.	"	"
1090	" 14	Hitchcock, Van Liew & Co.	"	Mustard, catsup, etc.	"	"
1091	" 14	Mich. Upholstering and Fur. Co.	"	Furniture.	"	"
1092	" 14	Detroit Paper Package Co.	"	Butter, lard, oyster pails.	"	"
1093	" 15	Mich. Elevator and Engine Co.	"	Elevators and engines.	"	"
1094	" 15	A. S. Feters	"	Printed matter.	"	"
1095	" 15	Royal Silverware Co.	"	Silverware.	"	"
1096	" 16	Gelatine Capsule Works.	"	Capsules.	"	part
1097	" 16	Parker, Webb & Co.	"	Meats.	"	full
1098	" 16	Martin Maier & Co.	"	Trunks and valises.	"	part
1099	" 16	West Side Lumber Co.	"	Lumber, etc.	"	"
1100	" 17	Detroit Bridge and Iron Works.	"	Iron bridges.	"	full
1101	" 17	Peninsular Electric Light Co.	"	Electric light.	"	"
1102	" 17	Stephen Pratt Boiler Works.	"	Boilers and tanks.	"	"
1103	" 17	Griffen Car Wheel Co.	"	Car wheels and castings.	"	"
1104	" 18	Hammond, Standish & Co.	"	Meats.	"	"
1105	" 18	J. F. Hasty & Sons	"	Barrels and hogsheads.	"	part
1106	" 20	John Strong & Sons.	S. Rockwood.	Brick and tile.	"	full
1107	" 20	"	"	Flour and feed.	"	"
1108	" 20	"	"	Staves and heading.	"	"
1109	" 20	Chas. Metzger Basket Factory.	N. Rockwood.	Baskets.	"	part
1110	" 20	John Schmitt.	"	"	"	full
1111	" 20	F. Baumeister & Son.	"	"	"	"
1112	" 20	Columbia Mills.	Monroe.	Flour and feed.	"	part
1113	" 20	E. B. Root & Son.	"	Sash, doors and blinds.	"	full

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employed at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	26	2	10	no		no		\$450	no	none	none	no	10	no	60	yes	yes	yes	yes	1066
60	60	50	30	none	"		"		1,800	"	"	"	"	10	"	50	"	no	"	"	1067
60	60	7	6	1	"		"		300	"	"	"	"	10	"	60	"	no	"	"	1068
60	60	12	12	none	no		no		600	no	none	none	no	10	no	60	yes	no	yes	yes	1069
60	60	15	12	none	no		no		600	no	none	none	no	10	no	60	yes	no	yes	yes	1070
60	60	20	14	"	"		"		700	"	"	"	"	10	"	60	"	"	"	"	1071
54	54	35	25	1	"		"		1,250	"	"	"	"	10	"	50	"	"	"	"	1072
60	60	12	6	1	"		"		300	"	"	"	"	10	"	45	"	"	"	"	1073
60	54	12	6	none	"		"		350	"	"	"	"	10	"	60	"	"	"	"	1074
54	54	6	3	"	"		"		150	"	"	"	"	9	"	60	"	"	"	"	1075
54	54	80	20	"	"		"		1,000	"	"	"	"	9	"	45	"	"	"	"	1076
54	54	25	12	10	"		"		850	"	"	"	"	9	"	*30	"	yes	"	"	1077
54	54	14	4	10	"		"		500	"	"	"	"	9	"	60	"	"	"	"	1078
60	60	25	18	none	"		"		950	"	"	"	"	10	"	60	"	"	"	"	1079
60	54	150	66	4	"		"		2,850	"	"	"	"	10	"	60	"	"	"	"	1080
54	54	12	8	1	"		"		450	"	"	"	"	9	"	60	"	"	"	"	1081
60	60	6	5	none	"		"		280	"	"	"	"	10	"	*40	"	"	"	"	1082
54	54	20	4	8	"		"		500	"	"	"	"	9	"	45	"	"	"	"	1083
60	60	35	5	20	"		"		1,000	"	"	"	"	10	"	*30	"	"	"	"	1084
60	60	100	80	none	"		"		2,400	"	30	"	yes	10	"	50	"	"	"	"	1085
55	55	35	35	"	"		"		1,000	none	"	"	no	10	"	*30	"	"	"	"	1086
60	60	5	4	1	"		"		280	"	"	"	"	10	"	50	"	"	"	"	1087
60	60	25	5	none	"		"		260	"	"	"	"	10	"	45	"	"	"	"	1088
60	60	15	7	"	"		"		850	"	"	"	"	10	"	60	"	"	"	"	1089
60	60	5	4	1	"		"		225	"	"	"	"	10	"	60	"	"	"	"	1090
60	60	20	16	2	"		"		625	"	"	"	"	10	"	56	"	"	"	"	1091
60	60	30	10	2	"		"		500	"	"	"	"	10	"	60	"	"	"	"	1092
60	60	35	12	none	red.	10	"		650	"	"	"	"	10	"	50	"	"	"	"	1093
54	54	5	4	"	no		"		200	"	"	"	"	10	"	60	"	"	"	"	1094
54	54	50	4	26	"		"		800	"	"	"	"	10	"	60	"	"	"	"	1095
60	54	200	12	8	"		"		1,000	"	"	"	"	10	"	45	"	"	"	"	1096
60	60	125	125	none	"		"		4,500	"	2	"	"	10	"	60	"	"	"	"	1097
60	48	85	25	"	red.	10	"		1,250	none	"	"	"	10	"	50	"	"	"	"	1098
60	30	26	11	1	no		"		590	"	"	"	"	10	"	45	"	"	"	"	1099
60	60	310	310	none	"		"		8,000	1	6	"	yes	10	"	45	"	"	"	"	1100
72	72	14	14	"	"		"		700	no	none	"	no	12	"	60	"	"	"	"	1101
60	60	30	16	"	"		red.	12	750	"	"	"	"	10	"	60	"	"	"	"	1102
60	60	200	180	"	red.	10	no		8,500	"	"	"	"	10	"	60	"	"	"	"	1103
55	55	130	130	"	no		"		5,000	"	"	"	"	10	"	60	"	"	"	"	1104
60	54	75	50	"	"		"		2,600	"	"	"	"	10	"	60	"	"	"	"	1105
60	60	10	10	"	"		red.	37	875	"	"	"	"	10	"	60	"	"	"	"	1106
60	60	4	4	"	"		no		200	"	"	"	"	10	"	45	"	"	"	"	1107
60	60	24	18	"	"		"		550	3	7	"	"	10	"	45	"	"	"	"	1108
60	54	8	5	"	"		"		175	no	none	"	"	10	"	60	"	"	"	"	1109
60	60	5	3	2	"		"		200	"	"	"	"	10	"	60	"	yes	"	"	1110
60	60	18	6	2	"		"		300	"	"	"	"	10	"	60	"	"	"	"	1111
60	48	3	3	none	"		"		150	"	"	"	"	10	"	60	"	"	"	"	1112
60	60	10	6	"	"		"		260	"	-----	"	"	10	"	60	"	"	"	"	1113

* Shorter dinner hour allowed by inspector.

Inspection book No. 25.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1114	Aug. 21	John Wahl	Monroe	Beer	r'ng	full
1115	" 21	Beck & Beyer	"	Wagons and sleighs	"	"
1116	" 21	F. C. Ohr	"	" " carriages	"	"
1117	" 21	J. C. Eaton	"	Brick and tile	"	"
1118	" 21	Waterloo Mills	"	Flour and feed	"	"
1119	" 21	Waterloo Woolen Mills	"	Yarn and wool	"	"
1120	" 21	Monroe Paper Co.	"	Straw paper	"	"
1121	" 22	Monroe Foundry & Furnace Co.	"	Furnaces and castings	"	part
1122	" 22	F. Sedlacek Cigar Factory	"	Cigars	"	full
1123	" 22	Monroe Cigar Co.	"	"	"	full
1124	" 22	The Monroe Democrat	"	Printed matter	"	"
1125	" 22	Monroe Mills	"	Flour and feed	"	part
1126	" 22	Wagner & Bicking	"	Wagons and carriages	"	full
1127	" 22	C. F. Beck & Son	"	Sash, doors and blinds	"	"
1128	" 23	Monroe Electric Light Co.	"	Electric light	"	"
1129	" 23	Boehme & Rauch	"	Rope cordage and twine	"	"
1130	" 23	The Deitzer Furniture Co.	"	Furniture	"	"
1131	" 23	J. K. Wilder & Son	"	Agricultural implements	"	"
1132	" 23	Western Union Telegraph Co.	"	Cedar poles	"	"
1133	" 23	F. Walldorf & Son	"	Binding board	"	"
1134	" 23	Monroe Paper Manufacturing Co.	"	Straw paper	idle	-----
1135	" 24	Wilder Manufacturing Co.	"	Agricultural implements	"	-----
1136	" 24	Home Laundry	"	Laundry work	r'ng	full
1137	" 24	Eickbaver Bros. Marble Works	"	Marble and stone	"	"
1138	" 24	Jacob Roeder	"	Beer	"	"
1139	" 24	Sterling Manufacturing Co.	"	Lumber and timber	idle	-----
1140	" 24	Monroe Commercial	"	Printed matter	r'ng	full
1141	" 24	Monroe Steam Laundry	"	Laundry work	"	"
1142	" 24	Model Bakery	"	Bread and cakes	"	"
1143	" 27	Newport Roller Mills	Newport	Flour and feed	"	part
1144	" 27	J. W. Ward & Son	"	Baskets	"	"
1145	" 27	W. E. Bulger	"	"	"	full
1146	" 27	M. Artley	Carlston	Lumber and doors	"	part
1147	" 27	Carlston Mills	"	Flour and feed	"	full
1148	" 28	Carlston Cheese Factory	"	Cheese	"	"
1149	" 28	F. Garrison	"	Baskets	"	"
1150	" 28	Chas. Angerer	Scotfield	Lumber	"	part
1151	" 28	Michigan Stone and Supply Co.	Woolmuth	Crushed and build'g stone	"	full
1152	" 28	Hasley Roller Mills	Maybee	Flour and feed	"	"
1153	" 28	Herkimer Bros.	"	Brick and tile	"	"
1154	" 28	Henry Liedel	"	Sash, doors, etc.	"	part
1155	" 28	Chas. Happy	"	Lumber and timber	idle	-----
1156	" 29	Raisinville Lime Kilns	Raisinville	Lime and stone	r'ng	part
1157	" 29	U. S. Buck	"	Lumber and timber	idle	-----
1158	" 29	Raisinville Flouring Mills	"	Flour and feed	r'ng	full
1159	" 29	B. E. Bullock	Dundee	Lime and stone	"	"
1160	" 29	Dundee Ledger	"	Printed matter	"	"
1161	" 29	Dundee Flouring Mills	"	Flour and feed	"	"

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.		Hours per week at present time.		Number employees when running full capacity.		Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belted provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
						Males.	Females.							Males.	Females.									
60	60	17	17	none	no	no	no	no	no	no	no	\$625	no	none	none	no	10	no	60	yes	no	yes	yes	1114
60	60	6	4	"	"	"	"	"	"	"	"	180	"	"	"	no	10	"	60	"	"	"	"	1115
60	60	8	7	"	"	"	"	"	"	"	"	300	"	"	"	no	10	"	60	"	"	"	"	1116
60	60	20	20	"	"	"	"	red.	5	"	"	650	"	"	"	no	10	"	60	"	"	"	"	1117
60	60	3	2	"	"	"	"	no	"	"	"	75	"	"	"	no	10	"	60	"	"	"	"	1118
60	60	5	3	"	"	"	"	"	"	"	"	100	"	"	"	no	10	"	60	"	"	"	"	1119
72	72	13	13	"	"	"	"	"	"	"	"	525	"	"	"	no	10	"	60	"	"	"	"	1120
60	42	35	28	"	"	"	"	"	"	"	"	1,080	"	"	"	no	10	"	60	"	"	"	"	1121
90	48	8	6	"	"	"	"	"	"	"	"	225	"	"	"	no	10	"	60	"	"	"	"	1122
54	54	6	6	"	"	"	"	"	"	"	"	230	"	"	"	no	9	"	60	"	"	"	"	1123
60	60	8	8	"	"	"	"	"	"	"	"	375	"	"	"	no	10	"	60	"	"	yes	"	1124
60	20	4	3	"	"	"	"	"	"	"	"	150	"	"	"	no	10	"	60	"	"	"	"	1125
60	60	7	6	"	"	"	"	"	"	"	"	275	"	"	"	no	10	"	60	"	"	"	"	1126
60	60	10	9	"	"	"	"	"	"	"	"	375	"	"	"	no	10	"	60	"	yes	"	"	1127
72	72	2	2	"	"	"	"	"	"	"	"	100	"	"	"	no	10	"	60	"	no	"	"	1128
60	60	21	19	"	"	"	"	"	"	"	"	550	"	"	"	no	10	"	60	"	"	yes	"	1129
60	60	65	40	"	"	"	"	"	"	"	"	1,800	"	2	"	yes	10	"	60	"	"	"	"	1130
60	60	8	8	"	"	"	"	"	"	"	"	300	"	none	"	no	10	"	60	"	"	"	"	1131
60	60	40	40	"	"	"	"	"	"	"	"	1,800	"	"	"	no	10	"	60	"	"	"	"	1132
72	72	12	12	"	"	"	"	"	"	"	"	450	"	"	"	no	12	"	60	"	"	yes	"	1133
60	60	26	19	"	"	"	"	"	"	"	"	100	no	"	"	no	10	no	60	yes	no	yes	yes	1134
60	60	4	3	none	no	no	no	no	no	no	no	100	no	none	none	no	10	no	60	yes	no	yes	yes	1135
54	54	12	5	"	"	"	"	"	"	"	"	250	"	"	"	no	10	"	60	"	"	yes	"	1136
60	60	4	3	"	"	"	"	"	"	"	"	125	"	"	"	no	10	"	60	"	"	yes	"	1137
60	60	12	4	"	"	"	"	"	"	"	"	125	no	none	none	no	10	no	60	"	"	yes	"	1138
60	60	4	4	none	no	no	no	no	no	no	no	125	no	none	none	no	10	no	60	yes	no	yes	yes	1139
60	60	6	1	5	"	"	"	"	"	"	"	200	"	"	"	no	10	"	60	"	"	"	"	1140
60	60	5	3	2	"	"	"	"	"	"	"	175	"	"	"	no	10	"	60	"	"	"	"	1141
60	60	4	4	none	"	"	"	"	"	"	"	150	"	"	"	no	10	"	60	"	"	"	"	1142
60	30	4	4	none	"	"	"	"	"	"	"	150	"	"	"	no	10	"	60	"	"	"	"	1143
60	30	15	4	"	"	"	"	"	"	"	"	120	"	"	"	no	10	"	60	"	"	"	"	1144
60	60	5	5	"	"	"	"	"	"	"	"	140	1	1	"	no	10	"	60	"	"	"	"	1145
60	30	4	4	"	"	"	"	"	"	"	"	150	no	none	"	no	10	"	60	"	"	yes	"	1146
60	60	3	3	"	"	"	"	"	"	"	"	140	"	"	"	no	10	"	60	"	"	"	"	1147
60	60	3	3	"	"	"	"	"	"	"	"	120	"	"	"	no	10	"	60	"	"	"	"	1148
60	60	3	3	"	"	"	"	"	"	"	"	100	"	"	"	no	10	"	60	"	"	"	"	1149
60	24	30	7	"	"	"	"	red.	10	"	"	250	"	"	"	no	10	"	60	no	"	"	"	1150
60	60	140	80	"	"	"	"	no	"	"	"	3,000	"	"	"	no	10	"	60	yes	"	"	"	1151
60	60	4	4	"	"	"	"	"	"	"	"	140	"	"	"	no	10	"	60	"	"	"	"	1152
60	60	12	12	"	"	"	"	red.	10	"	"	350	"	"	"	no	10	"	60	"	"	"	"	1153
60	30	4	4	"	"	"	"	"	"	no	"	125	"	"	"	no	10	"	60	"	"	"	"	1154
60	30	12	6	"	"	"	"	"	"	no	"	250	no	none	none	no	10	no	60	yes	no	yes	yes	1155
60	30	7	6	none	no	no	no	no	no	no	no	250	no	none	none	no	10	no	60	yes	no	yes	yes	1156
60	30	6	6	"	"	"	"	"	"	"	"	250	no	none	none	no	10	no	60	yes	no	yes	yes	1157
60	60	2	2	none	no	no	no	no	no	no	no	110	no	none	none	no	10	no	60	yes	no	yes	yes	1158
60	60	8	8	"	"	"	"	red.	10	"	"	100	"	"	"	no	10	"	60	"	"	"	"	1159
60	60	2	2	"	"	"	"	no	"	"	"	100	"	"	"	no	10	"	60	"	"	"	"	1160
60	60	3	3	"	"	"	"	"	"	"	"	125	"	"	"	no	10	"	60	"	"	"	"	1161

Inspection book No. 26.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1162	1894.	Dundee Cheese and Butter Co.....	Dundee.....	Butter and cheese.....	r'ng	full
1163	Aug. 29	Eureka Flouring Mill.....	".....	Flour and feed.....	idle	"
1164	" 29	H. Pulver.....	".....	Lumber and timber.....	idle	"
1165	" 29	Buckeye Churn Co.....	".....	Extension tables.....	"	"
1166	" 30	Dundee Reporter.....	".....	Printed matter.....	r'ng	full
1167	" 30	Fleming & Opdyke.....	".....	Wagons and carriages.....	"	"
1168	" 30	Wm. Slayton.....	".....	Brick and tile.....	"	"
1169	" 30	".....	".....	Sash, doors, etc.....	"	part
1170	" 30	Meyers Bros.....	Asalia.....	Brick and tile.....	"	full
1171	" 30	Azalia Creamery Co.....	".....	Butter.....	"	part
1172	" 30	Milan Creamery Co.....	Milan.....	Cream.....	"	full
1173	" 30	Globe Brick and Tile Works.....	".....	Brick and tile.....	"	"
1174	" 31	Milan Roller Mills.....	".....	Flour and feed.....	"	"
1175	" 31	C. H. Wilson.....	".....	Lumber, timber, etc.....	"	"
1176	" 31	Whaley Cider Co.....	".....	Feed.....	"	"
1177	" 31	" " ".....	".....	Cider and cooperage.....	"	"
1178	" 31	W. P. Lamkin.....	".....	Lumber, feed & castings.....	"	"
1179	" 31	Milan Leader.....	".....	Printed matter.....	idle	"
1180	" 31	Leonard Bros.....	".....	Evaporated fruits.....	idle	"
1181	" 31	John C. Cone.....	Cone.....	Staves and heading.....	r'ng	full
1182	" 31	" " ".....	".....	Lumber and timber.....	"	"
1183	Sept. 4	C. L. Miller.....	La Salle.....	Cider and jelly.....	"	part
1184	" 4	N. R. Kinnie.....	".....	Lumber and timber.....	idle	"
1185	" 4	McClain & Co.....	Vienna.....	Brick, tile, etc.....	"	"
1186	" 4	Vienna Mills.....	".....	Flour and feed.....	"	"
1187	" 4	C. A. Baidel.....	".....	Wagons.....	r'ng	full
1188	" 4	A. Zimmerman.....	".....	Wagons and carriages.....	"	"
1189	" 4	Temperance Roller Mills.....	Temperance.....	Flour and feed.....	"	"
1190	" 4	Temperance Creamery Co.....	".....	Butter and cheese.....	"	"
1191	" 4	Armstrong & Brunt.....	".....	Wagons and carriages.....	"	"
1192	" 5	Van Orman & Davis.....	Lambertville.....	Flour, feed, etc.....	"	"
1193	" 5	Williams Bros. & Charbonneau.....	Samaria.....	Pickles.....	"	"
1194	" 5	B. E. Bullock.....	".....	Lumber and timber.....	idle	"
1195	" 5	H. & O. Logan.....	".....	".....	"	"
1196	" 5	Star Roller Mills.....	Petersburgh.....	Flour and feed.....	r'ng	full
1197	" 5	Petersburgh Mills.....	".....	" " ".....	"	part
1198	" 5	Petersburgh Sun.....	".....	Printed matter.....	"	full
1199	" 5	Wadsworth & Harwick.....	".....	Brick and tile.....	idle	"
1200	" 6	O. H. Russell.....	".....	Tank, cistern & windmill sup.....	r'ng	full
1201	" 6	G. A. Stone.....	".....	Lumber and timber.....	idle	"
1202	" 6	T. P. Barlow.....	".....	Machinery.....	r'ng	part
1203	" 6	S. McFetridge.....	Ida.....	Cider and jelly.....	"	full
1204	" 6	Oetjens & Gillhousen.....	".....	Lumber and timber.....	"	part
1205	" 6	".....	".....	Flour and feed.....	"	"
1206	" 6	James Mills, Jr.....	Strausburgh.....	Lumber and feed.....	"	full
1207	" 6	The Acme Manufacturer.....	Steiner.....	Baskets.....	"	"
1208	" 6	John Kohler.....	".....	Lumber, timber, etc.....	"	"
1209	" 7	J. Walz.....	Walz.....	".....	idle	"
1210	" 7	New Boston Creamery.....	New Boston.....	Butter and cheese.....	r'ng	full

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employes when running full capacity.	Number employes at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1892?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	3	3	none	no		no		\$110	no	none	none	no	10	no	60	yes	no	yes	yes	1162
60	60	4	4						140					10		60					1163
12	25	3	3	none	no		no		120	no	none	none	no	10	no	60	yes	no	yes	yes	1164
60	60	3	3	none	no		no		120	no	none	none	no	10	no	60	yes	no	yes	yes	1165
60	60	5	5						200					10		60					1166
60	60	12	12											10		60					1167
60	48	4	4		no		no		125		1			10		60			yes		1168
60	60	12	12						450		none			10		60					1169
60	30	3	3						100					10		60	yes	no			1170
48	48	2	2						80					10		60					1171
60	60	23	17			red.	10		575					10		60			yes		1172
60	60	2	2		no				90					10		60					1173
60	60	10	10						400					10		60					1174
60	60	2	2						95					10		60					1175
60	60	20	8						300					10		60					1176
60	60	2	4						180					10		60					1177
60	60	20	2						100					10		60					1178
60	60	15	10	none	no		no		425	no	none	none	no	10	no	60	yes	no	yes	yes	1179
60	60	12	6						250					10		60	no				1180
60	30	4	4						130					10		60	yes				1181
60	60	3	3	none	no		no		130	no	none	none	no	10	no	60	yes	no		yes	1182
60	60	4	4						150					10		60					1183
60	60	3	3						110					10		60			yes		1184
60	60	3	3						110					10		60					1185
60	60	7	7						350					10		60					1186
60	60	4	3						120					10		60					1187
60	60	5	3						120					10		60					1188
60	60	8																			1189
60	60	4	4	none	no		no		180	no	none	none	no	10	no	60	yes	no	yes	yes	1190
60	60	2	2						100					10		60					1191
60	60	2	2	1					110					10		60					1192
60	60	8	4	none	no		no		140	no	none	none	no	10	no	60	yes	no	yes	yes	1193
60	60	3	3	none	no		no		100	no	none	none	no	10	no	60	yes	no	yes	yes	1194
60	60	7	7						250					10		60					1195
60	60	6	6						300					10		60	yes				1196
60	60	3	3						100					10		60					1197
60	60	7	7						300					10		60					1198
60	60	8	8			red.	20		400					10		60					1199
60	60	8	6				10		300					10		60					1200
60	60	2	2	none	no		no		110	no	none	none	no	10	no	60	yes	no	yes	yes	1201
60	60	3	3	none	no		no		100	no	none	none	no	10	no	60	yes	no	yes	yes	1202
60	60	7	7						250					10		60					1203
60	60	6	6						300					10		60	yes				1204
60	60	3	3						100					10		60					1205
60	60	7	7						300					10		60					1206
60	60	8	8																		1207
60	60	8	6						400					10		60					1208
60	60	8	8						300					10		60					1209
60	60	2	2	none	no		no		110	no	none	none	no	10	no	60	yes	no	yes	yes	1210

Inspection book No. 27.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1311	Sept. 7	New Boston Roller Mills.....	New Boston..	Flour and feed.....	r'ng	full
1312	" 7	Romulus Knitting Mills.....	Romulus.....	Knit goods.....	"	part
1313	" 7	J. M. Hommel Mfg. Co.....	".....	Sash and screen doors.....	idle	"
1314	" 7	Columbian Wire Works.....	".....	Wire cloth.....	"	"
1315	" 7	Henry Seestedt Furniture Co.....	".....	Furniture.....	"	"
1316	" 7	Detroit Sanitary Works.....	Fr'eh Land'g.	Grease and fertilizers.....	r'ng	full
1317	" 10	A. B. Perkins & Co.....	N. Baltimore..	Staves and heading.....	idle	"
1318	" 10	Fred Carter.....	".....	Sash, doors, etc.....	r'ng	full
1319	" 10	Wurtsell & Wilson.....	New Haven..	Flour and feed.....	"	"
1320	" 10	H. R. Haselton.....	".....	Staves, heading, etc.....	idle	"
1321	" 11	G. W. Weston.....	Richmond....	Sash, doors, and blinds.....	r'ng	full
1322	" 11	A. Miller & Son.....	".....	Farming implements.....	"	"
1323	" 11	Richmond Woolen Mills.....	".....	Yarn and cloth.....	"	"
1324	" 11	Water, Fanning & Co.....	".....	Sorted and pickled eggs.....	"	"
1325	" 11	Richmond Creamery Co.....	".....	Butter and cream.....	"	part
1326	" 11	John McMann Cooper Shop.....	".....	Barrels.....	idle	"
1327	" 12	A. Werner.....	Lenox.....	Cider and machinery.....	r'ng	full
1328	" 12	Fred Haar.....	".....	Sash, doors, etc.....	"	part
1329	" 12	Lovejoy & Dawson.....	".....	Evaporated fruits.....	"	full
1330	" 12	Memphis Roller Mills.....	Memphis.....	Flour and feed.....	"	"
1331	" 12	S. B. Eaton.....	".....	Brick and tile.....	idle	"
1332	" 12	W. M. Eaton.....	".....	Wagons and carriages.....	r'ng	full
1333	" 12	McCall & Co.....	".....	Grain elevated.....	"	"
1334	" 12	Ray Centre Mills.....	Ray Centre..	Flour and feed.....	"	"
1335	" 12	Proctor Bros.....	Romeo.....	Corn planters, etc.....	"	"
1336	" 12	Leavenworth Flouring Mills.....	".....	Flour and feed.....	idle	"
1337	" 12	Chesterfield Creamery Co.....	Chesterfield..	Butter and cream.....	r'ng	full
1338	" 12	Wm. Tomlinson.....	Milton.....	Cider, jelly and feed.....	"	part
1339	" 12	John Boelline.....	Waldenburg..	Feed, lumber, etc.....	idle	"
1340	" 12	Guss & Miller.....	Davis.....	Brick and tile.....	r'ng	full
1341	" 12	Kent Glass.....	".....	Feed, lumber, etc.....	idle	"
1342	" 12	Armada Mills.....	Armada.....	Flour and feed.....	r'ng	full
1343	" 12	Armada Stave and Heading Works.....	".....	Staves and heading.....	idle	"
1344	" 12	Walton & Cowden.....	".....	Cider and jelly.....	r'ng	full
1345	" 12	Co-operative Creamery Co.....	".....	Butter.....	"	"
1346	" 12	Wm. Halley.....	".....	Lumber and timber.....	idle	"
1347	" 12	Hill Cart Co.....	Romeo.....	Carts.....	r'ng	full
1348	" 12	D. T. Smith.....	".....	Lumber, heading.....	"	"
1349	" 12	Romulo Roller Mills.....	".....	Flour and feed.....	"	"
1350	" 12	C. & G. T. R. R. Elevator.....	".....	Grain and seed.....	"	"
1351	" 12	Geo. Allen.....	".....	Feed and cider.....	"	"
1352	" 12	Romulo Door Hanger Co.....	".....	Door hangers.....	"	"
1353	" 12	Albert Kennedy.....	".....	Sash, doors and blinds.....	"	"
1354	" 12	Carey & Trumbly.....	".....	Carriages.....	"	"
1355	" 12	H. W. Bradley.....	".....	Cigars.....	"	"
1356	" 20	Romulo Observer.....	".....	Printed matter.....	"	"
1357	" 20	Romulo Restaurant.....	".....	".....	"	"
1358	" 20	Clifton Roller Mills.....	Clifton.....	Flour and feed.....	"	"
1359	" 20	C. H. Bennett.....	Washington..	Evaporated fruit.....	idle	"

Inspection book No. 28.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1260	1894.	A. W. Priestap.	Washington	Lumber and timber	run'g	full
1261	Sept. 20	W. H. Yates	Yates Station	Flour, feed and cider	idle	"
1262	" 21	A. McVittie	Utica	Lumber and timber	idle	"
1263	" 21	"	"	Brick	run'g	full
1264	" 21	Utica Mills	"	Flour and feed.	run'g	full
1265	" 21	Canal Mills	"	" " "	"	"
1266	" 21	Schott & Hollister	"	Sash, doors and blinds	idle	"
1267	" 24	J. Vokes	"	Brick	run'g	part
1268	" 24	Wm. Bridges	"	Cider	run'g	full
1269	" 24	Utica Sentinel	"	Newspapers	run'g	full
1270	" 24	Kape & Doerfler	"	Wagons and carriages	"	"
1271	" 24	L. Burr	"	Tile	idle	"
1272	" 25	Charles Steffens	Fraser	Staves and heading	run'g	part
1273	" 25	"	"	Lumber, flooring, etc.	run'g	part
1274	" 25	A. Parks	Warren	Cider	run'g	part
1275	" 25	"	"	Lumber and feed	"	"
1276	" 25	George Burr	"	Tile	idle	"
1277	" 25	Wilson Bros.	"	Lumber, timber and feed	run'g	full
1278	" 26	F. Hough	"	Brick and tile	run'g	full
1279	" 26	Van Landegham Stave Co.	Mt. Clemens	Staves and heading	run'g	part
1280	" 26	T. W. Snook & Son	"	" " "	"	"
1281	" 26	L. Burr, Jr.	"	Tile	"	full
1282	" 27	Lee Printing Co.	"	Job printing	"	"
1283	" 27	Sprudel Water Co.	"	Mineral water	"	"
1284	" 27	Chas. W. Rath	"	Brick	idle	"
1285	" 27	H. McInerny	"	Wagons	run'g	full
1286	" 27	Hayt's Steam Laundry	"	Laundry work	"	"
1287	" 28	The Model Laundry	"	"	"	"
1288	" 28	M. Glass	"	Cigars	"	"
1289	" 28	Mt. Clemens Cigar Co.	"	"	"	"
1290	" 28	Donaldson Bros.	"	Wagons and farm imp.	"	"
1291	" 28	H. Cadow	"	Brick	"	part
1292	Oct. 1	William Dulac & Son	"	Sash, doors and blinds	"	"
1293	" 1	Pagoda Springs	"	Mineral water	"	full
1294	" 1	J. Lansby	"	Dressed lumber	"	part
1295	" 1	A. Brebner & Son	"	Sash, doors and blinds	"	"
1296	" 1	Mt. Clemens Brewing Co.	"	Beer	"	full
1297	" 2	J. Koehler	"	Wagons and carriages	"	"
1298	" 2	Biewer Brewery	"	Beer	"	"
1299	" 2	T. W. Snook	"	Cooperage	"	"
1300	" 2	Mt. Clemens Water Works	"	Water supply	"	"
1301	" 2	Star Bakery	"	Bakers' goods	"	"
1302	" 2	Mt. Clemens Elevator Co.	"	Eleva'g and clean'g grain	"	"
1303	" 3	Phillips & McCosdy	"	Machinery	"	"
1304	" 3	Detroit and Erin Plank Road Co.	"	Lumber and timber	idle	"
1305	" 3	Van Landegham Chicory Works	"	Chicory	"	"
1306	" 3	William Ritten	"	Cigars	run'g	full
1307	" 3	Mt. Clemens Electric Light Co.	"	Electric light	"	"
1308	" 3	Mt. Clemens Press	"	Newspapers	"	"

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.							Males.	Females.									
60 60	14	12	none	no		no		\$500	no	none	none		10		60	yes	no	yes	yes	1260
60 60	5	5	"	"		"		120	"	"	"		10		60	"	"	"	"	1261
60 60	30																			1262
60 60	12																			1263
60 60	2	2	none	no		no		100	no	none	none		10		60	yes	no	yes	yes	1264
60 60	4	4	"	"		"		225	"	"	"		10		60	"	"	"	"	1265
60 60	5	5	"	"		"		200	"	"	"		10		60	"	"	"	"	1266
60 60	10																			1267
60 30	3	3	none	no		no		100	no	none	none		10		60	yes	no	yes	yes	1268
60 60	2	2	"	"		"		120	"	"	"		10		60	"	"	"	"	1269
60 60	12	8	"	"		"		250	"	"	"		10		60	"	"	"	"	1270
60 60	8	5	"	"		"		200	"	"	"		10		60	"	"	"	"	1271
60 60	30																			1272
60 20	10	6	none	no		no		180	no	none	none		10		60	yes	no	yes	yes	1273
60 30	3	3	"	"		"		110	"	"	"		10		60	"	"	"	"	1274
60 20	6	4	"	"		"		180	"	"	"		10		60	"	"	"	"	1275
60 60	10																			1276
60 60	6																			1277
60 60	10	10	none	no		no		300	no	none	none		10		60	yes	no	yes	yes	1278
60 30	60	48	"	"		"		1,500	"	"	"		10		60	"	"	"	"	1279
60 30	60	30	"	"		"		1,000	"	"	"		10		60	"	"	"	"	1280
60 60	12	5	"	"		"		200	"	"	"		10		60	"	"	"	"	1281
60 60	3	3	"	"		"		120	"	"	"		10		60	"	"	"	"	1282
60 60	14	6	"	"		"		300	"	"	"		10		60	"	"	"	"	1283
60 60	13																			1284
60 60	6	6	none	no		no		250	no	none	none		10		60	yes	no	yes	yes	1285
60 60	30	8	11	"		"		375	"	"	1	no	no		60	"	"	"	"	1286
60 60	5	3	2	"		"		130	"	"	none		10		60	"	"	"	"	1287
48 48	8	6	none	"		"		300	"	"	"		8		60	"	"	"	"	1288
48 48	8	3	"	"		"		120	"	"	"		8		60	"	"	"	"	1289
60 60	75	65	"	"		"		2,000	"	"	"		10		60	"	"	yes	"	1290
60 54	10	8	"	"		"		225	"	"	"		10		60	"	"	"	"	1291
60 48	10	10	"	"		"		400	"	"	"		10		60	"	"	"	"	1292
60 60	40	3	1	"		"		140	"	"	"		10		60	"	"	"	"	1293
60 48	15	10	none	"		red. 5		425	"	"	"		10		60	"	"	"	"	1294
60 48	30	12	"	"		"	5	500	"	"	"		10		60	"	"	"	"	1295
60 60	9	9	"	"		no		400	"	"	"		10		60	"	"	"	"	1296
60 60	12	5	"	"		"		250	"	"	"		10		60	"	"	"	"	1297
60 60	5	4	"	"		"		200	"	"	"		10		60	"	"	"	"	1298
60 60	8	6	"	"		"		300	"	"	"		10		60	no	"	"	"	1299
72 72	7	7	"	"		"		300	"	"	"		12		60	yes	"	"	"	1300
60 60	4	2	1	"		"		120	"	"	"		10		60	"	"	"	"	1301
60 60	2	2	none	"		"		120	"	"	"		10		60	"	"	"	"	1302
60 60	3	2	"	"		"		90	"	"	"		10		60	"	"	"	"	1303
60 60	10																			1304
60 60	7																			1305
48 48	4	8	none	no		no		110	no	1	none	no	8	no	60	yes	no	yes	yes	1306
72 72	7	7	"	"		"		325	"	"	"		10		60	"	"	"	"	1307
60 60	7	4	1	"		"		200	"	"	"		10		60	"	"	"	"	1308

Inspection book No. 50.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1891.					
2332	Oct. 4	Mt. Clemens Monitor	Mt. Clemens	Printed matter	r'ng	full
2333	" 4	Hubarth & Schott	"	Buildings	"	part
2334	" 4	City Mills	"	Flour and feed	"	full
2335	" 4	Cook's Bakery	"	Bread and cakes	"	"
2336	" 4	H. Weigel	"	Potash	"	part
2337	" 5	J. W. Clark	Belleville	Cider and jelly	"	"
2338	" 5	James Stewart, Saw Mill	"	Lumber and timber	idle	"
2339	" 5	Belleville Mills	"	Flour and feed	r'ng	full
2340	" 5	J. G. Coomer	"	Lumber and timber	idle	"
2341	" 5	E. Read	"	Sorted beans	r'ng	part
2342	" 5	Wm. Locke	Taylor Centre	Saw, feed and cider mill	"	"
2343	" 10	A. Wagner	Dearborn	Brick	idle	"
2344	" 10	Ives & Frambach	"	Workingmen's goods	r'ng	full
2345	" 10	Dearborn Mills	"	Flour and feed	"	"
2346	" 10	Wayne Feed Mill	Wayne	Feed	"	part
2347	" 10	Balley Novelty Works	"	Foundry and mach. sup.	"	full
2348	" 10	Prouty & Glass, Carriage Works	"	Carriages and sleighs	"	"
2349	" 10	Fleischer Cigar Factory	"	Cigars	"	part
2350	" 10	Frank Stringer, Saw Mill	"	Lumber	idle	"
2351	" 11	C. Lohr	"	Lumber and feed	"	"
2352	" 11	M. E. Carleton	Canton	Brick	"	"
2353	" 11	C. M. Cotton	Denton	Lumber and timber	"	"
2354	" 11	Proctor & Fox	Tonquish	"	"	"
2355	" 11	Plymouth Iron Wind Mill Co.	Plymouth	Air guns	r'ng	full
2356	" 11	Plymouth Air Rifle and Manfg. Co.	"	Air rifles and hardw. fixt.	"	part
2357	" 11	Plymouth Laundry	"	Laundry work	"	"
2358	" 11	Plymouth Mill	"	Printed matter	"	full
2359	" 11	Shafer Bros.	"	Castings, etc.	"	"
2360	" 12	H. Wills	"	Wagons and carriages	"	"
2361	" 12	Phoenix Mills	"	Flour and feed	"	"
2362	" 12	L. L. Lewis	"	Lumber	idle	"
2363	" 12	Plymouth Mills	"	Flour and feed	r'ng	full
2364	" 12	L. H. Bennett	"	Fann'g mills & scr. doors	idle	"
2365	" 12	Thos. Sherwood	"	Cider and jelly	r'ng	full
2366	" 12	Markham Air Rifle Co.	"	Air rifles, etc.	"	"
2367	" 12	Chas. Brems	"	Wagons and carriages	"	"
2368	" 12	Plymouth Cheese Factory	"	Cheese	"	"
2369	" 16	U. S. Fish Commission	Northville	Fish	"	"
2370	" 16	Clover Condensed Milk Co.	"	Condensed milk	"	"
2371	" 16	Northville Mills	"	Flour and feed	"	"
2372	" 16	J. A. Dubar Manufacturing Co.	"	Wheelbarw's, pulleys, etc.	"	"
2373	" 16	Argo Mills	"	Flour and feed	"	"
2374	" 16	Globe Furniture Co.	"	School, church furniture	"	"
2375	" 16	Hanrahan Refrigerator Co.	"	Refrigerators and tables	"	"
2376	" 17	Ely Dowell Manufacturing Co.	"	Casket mouldings, etc.	"	part
2377	" 17	Northville Record	"	Printed matter	"	full
2378	" 17	Northville City Laundry	"	Laundry work	"	"
2379	" 17	Thos. Kerr	Pikes Peak	Brick and tile	idle	"
2380	" 17	Nankin Mills	"	Flour and feed	r'ng	part

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employes at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours.	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60 60	6	6	none	no	--	--	no	--	\$250	no	none	none	no	10	no	60	yes	no	yes	yes	2332
60 54	20	12	"	"	--	--	"	--	525	"	"	"	"	10	"	60	"	"	"	"	2333
60 60	7	7	"	"	--	--	"	--	300	"	"	"	"	10	"	60	"	"	"	"	2334
60 60	4	4	"	"	--	--	"	--	140	"	"	"	"	10	"	60	"	"	yes	"	2335
60 54	4	4	"	"	--	--	"	--	145	"	"	"	"	10	"	60	"	"	"	"	2336
60 80	3	3	"	"	--	--	"	--	100	"	"	"	"	10	"	60	"	"	"	"	2337
60 60	6	6	"	"	--	--	"	--	120	no	none	none	no	10	no	60	yes	no	yes	yes	2338
60 60	2	2	none	no	--	--	no	--	120	no	none	none	no	10	no	60	yes	no	yes	yes	2339
60 54	17	3	11	no	--	--	no	--	400	no	none	none	no	10	no	60	yes	no	yes	yes	2340
60 80	4	3	none	"	--	--	"	--	120	"	"	"	"	10	"	60	"	"	yes	"	2341
55 55	40	8	17	no	--	--	no	--	800	no	none	none	no	9 1/2	no	60	yes	no	yes	yes	2342
60 60	2	2	none	"	--	--	"	--	90	"	"	"	"	10	"	60	"	"	yes	yes	2343
60 20	2	2	"	"	--	--	"	--	80	"	"	"	"	10	"	60	"	"	"	"	2344
60 60	5	3	"	"	--	--	"	--	110	"	"	"	"	10	"	60	"	"	"	"	2345
70 70	75	74	1	"	--	--	"	--	2,500	"	"	"	"	10	"	45	"	"	"	"	2346
60 54	6	6	none	"	--	--	"	--	150	1	3	yes	yes	10	"	60	"	"	"	"	2347
-- --	5				--	--		--													2348
-- --					--	--		--													2349
-- --					--	--		--													2350
-- --					--	--		--													2351
-- --	12				--	--		--													2352
-- --	6				--	--		--													2353
-- --	12				--	--		--													2354
60 60	25	12	none	no	--	--	red.	15	375	no	none	none	no	10	no	60	yes	no	yes	yes	2355
60 55	25	15	"	"	--	--	no	--	500	"	"	"	"	10	"	60	"	"	"	"	2356
60 54	5	1	3	"	--	--	"	--	120	"	"	"	"	10	"	60	"	"	"	"	2357
60 60	4	2	1	"	--	--	"	--	120	"	"	"	"	10	"	60	"	"	"	"	2358
60 60	6	3	none	"	--	--	"	--	125	"	"	"	"	10	"	60	"	"	"	"	2359
60 60	4	4	"	"	--	--	"	--	160	"	"	"	"	10	"	60	"	"	"	"	2360
60 60	3	3	"	"	--	--	"	--	120	"	"	"	"	10	"	60	"	"	yes	"	2361
-- --	7				--	--		--													2362
60 60	3	3	none	no	--	--	no	--	120	no	none	none	no	10	no	60	yes	no	yes	yes	2363
-- --	12				--	--		--													2364
60 60	10	4	none	no	--	--	"	--	125	no	none	none	no	10	no	60	yes	no	yes	yes	2365
60 60	80	40	1	"	--	--	"	--	1,200	"	"	"	"	10	"	60	"	"	"	"	2366
60 60	10	7	none	"	--	--	"	--	300	"	"	"	"	10	"	60	"	"	"	"	2367
60 60	8	3	"	"	--	--	"	--	100	"	"	"	"	10	"	60	"	"	"	"	2368
60 60	15	7	"	"	--	--	"	--	300	"	"	"	"	10	"	60	"	"	"	"	2369
60 60	12	8	2	"	--	--	"	--	300	"	"	"	"	10	"	60	"	"	"	"	2370
60 60	7	7	none	"	--	--	"	--	270	"	"	"	"	10	"	60	"	"	"	"	2371
60 60	50	36	"	"	--	--	red.	8	1,300	"	1	"	"	10	"	60	"	"	"	"	2372
60 60	3	3	"	"	--	--	"	--	120	"	none	"	"	10	"	60	"	"	"	"	2373
60 60	200	160	1	"	--	--	no	10	5,600	"	"	"	"	10	"	60	"	"	"	"	2374
60 60	60	80	none	"	--	--	"	--	1,200	"	"	"	"	10	"	60	"	"	"	"	2375
60 45	12	5	"	"	--	--	no	--	250	"	"	"	"	10	"	60	"	"	"	"	2376
60 60	8	3	"	"	--	--	"	--	120	"	"	"	"	10	"	60	"	"	"	"	2377
60 60	4	1	2	"	--	--	"	--	100	"	"	"	"	10	"	60	"	"	"	"	2378
-- --					--	--		--													2379
60 30	2	2	none	no	--	--	no	--	90	no	none	none	no	10	no	60	yes	no	yes	yes	2380

Inspection book No. 5L

TABLE No. 1.—Continued.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1311	Oct. 23	G. A. Rhode	Elm	Lumber	idle	
1312	" 23	H. P. Burgess	Redford	Brick and tile	running	part
1313	" 23	Redford Mills	"	Flour and feed	"	"
1314	" 23	Lawrence & Wells	Sand Hill	Butter and cream	"	full
1315	" 23	Redford Mills	Redford	Flour and feed	"	part
1316	" 23	Wilmarth & Chances	Detroit	Feed	"	"
1317	" 23	Trojan Laundry	"	Laundry work	"	full
1318	" 23	Detroit Range Boiler Co.	"	Boilers and galv'd ware	"	"
1319	" 23	A. Friedrichs	"	Tobacco	"	part
1320	" 23	Michigan Beef and Provision Co.	"	Meats, slaughter house	"	full
1321	" 23	R. S. Webb	"	"	"	"
1322	" 23	Consolidated Rolling Stock Co.	"	Repair and build cars	"	"
1323	" 23	J. C. Riley	"	Carrriages and wagons	"	"
1324	" 23	U. S. Truck Co.	"	Trucks, handles and wooden ware	"	part
1325	" 23	Columbian Brush and Fiber Co.	"	Brushes	"	"
1326	" 23	Cashel Shell Co.	"	Cashers	"	full
1327	" 23	J. Woodhams Box Works	"	Boxes	"	part
1328	" 23	Wm. Eby & Son	"	Sash, doors, blinds & trim	"	full
1329	" 23	C. W. Reestrick	"	Planed lumber	"	"
1330	" 23	M. C. R. E. Car Shops	"	Railroad cars	"	part
1331	" 23	Wm. Moore	"	Sash, doors and stairs	"	full
1332	" 23	Detroit Steel and Spring Works	"	Steel and steel springs	"	part
1333	" 23	Frank W. May	"	Lum. chair & table stock	"	"
1334	" 23	Star Elevator	Springwells	Clean and elevate grain	"	full
1335	" 24	Kennedy Basket Manufactory	Detroit	Baskets	idle	
1336	" 24	C. B. Hutchins	"	Car roofing	running	full
1337	" 24	Williams Bros. & Charbonneau	"	Vinegar, pickles and fruits	"	"
1338	" 24	Howard, Northwood Malt Mfg. Co.	"	Malt	"	part
1339	" 24	National Pin Co.	"	Pins	"	full
1340	" 25	David Starr	"	Flour and feed	"	"
1341	" 25	J. L. Gearing & Sons	"	Stair-fings	"	"
1342	" 25	A. Corbelle	"	"	"	"
1343	" 25	Detroit Basket Co.	"	Baskets	"	"
1344	" 25	Rogers Typographic Co.	"	Type making machinery	"	"
1345	" 25	E. G. Dailey & Co.	"	Canned fruits and jellies	"	"
1346	" 26	Wolverine Manufacturing Co.	"	Furniture	"	"
1347	" 26	J. M. Jamison & Co.	"	Clean and elevate grain	idle	"
1348	" 26	Detroit Lubricator Co.	"	Lubricators of cups etc.	running	full
1349	" 26	A. Gentish & Co.	"	Asphalt	idle	"
1350	" 26	Farrand & Voley Organ Co.	"	Organs	running	full
1351	" 26	Herts & Houbach Co.	"	Sash, doors and blinds	"	part
1352	" 26	J. E. Balke & Co.	"	Iron and wire	"	"
1353	" 26	Detroit Motor Co.	"	Electric motors	"	"
1354	" 26	Detroit Electrical Works	"	Street car and air app.	"	"
1355	" 26	North Detroit Feed Mills	"	Feed	idle	"
1356	" 26	Detroit Moulding Co.	"	Picture frames, etc.	running	full
1357	" 26	Johnson Carriage Co.	"	Carriages	"	"
1358	" 26	American Harrow Co.	"	Harrow, cultivators, etc.	"	"

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1891?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	40	3	none	none																	2381
60	40	6	6	none	no		no		\$225	no	none	none		10		60	yes	no	yes	yes	2382
60	30	3	3	none	no		no		110					10		60					2383
60	30	3	3	none	no		no		115					10		60					2384
60	20	2	2	none	no		no		80					10		60					2385
40	30	2	2	none	no		no		85					10		60					2386
60	60	40	6	34	no		no		1,100					10		60					2387
60	60	20	12	none	no		no		500					10		*30					2388
60	48	16	12	none	no		no		425					10		45					2389
60	60	30	30	none	no		no		1,800					10		60					2390
60	60	8	6	none	no		no		900					10		60					2391
60	60	36	36	none	red.	10	no		750					10		*30					2392
60	60	7	5	none	red.	no	no		225					10		60					2393
60	54	150	30	none	no		no		800					10		*30					2394
60	54	30	18	2	no		no		550					10		*30					2395
60	60	26	13	none	red.	10	no		525					10		*30					2396
60	48	18	18	none	no		no		500					10		*30					2397
54	54	12	12	none	no		no		525					10		*30					2398
60	60	20	10	none	no		no		375					10		*30					2399
60	48	800	580	none	no		no		18,000					10		45					2400
54	54	30	30	none	red.	10	no		1,200					9		45					2401
60	54	302	300	2	red.	10	no		10,000					10		45					2402
60	54	20	17	1	no		no		400					10		45					2403
60	60	5	3	none	no		no		140					10		60					2404
60	...	20	...	...	...		...		...					...		...					2405
60	60	14	11	none	no		no		500	no	none	none		10		45	yes	no	yes	yes	2406
60	60	150	79	35	no		no		2,500					10		45					2407
60	48	30	28	none	no		no		1,500					10		60					2408
60	60	84	17	57	no		inc.		1,950					10		*30					2409
72	72	36	36	none	no		inc.		1,500					12		60					2410
54	54	150	85	none	red.	10	no		3,500					9		60					2411
60	60	20	8	none	no		no		300					10		60					2412
60	60	40	4	none	no		no		150					10		60					2413
60	60	100	69	6	no		no		3,000					10		60					2414
60	60	120	39	†31	no		no		900	12	6	14	yes	no	yes	45					2415
60	60	155	153	2	red.	10	no		5,000	no	7	none		10		45					2416
60	...	3	...	...	...		...		...					...		...					2417
60	60	150	131	none	no		red.	10	4,000	no	2	none	no	10	no	60	yes	no	yes	yes	2418
60	...	20	...	...	...		...		...					...		...					2419
60	60	250	114	11	no		red.	15	11,300	no	1	none	no	10	no	60	yes	no	yes	yes	2420
60	48	60	26	none	no		no		1,200		none			10		60					2421
60	54	150	86	2	red.	10	no		3,300					10		*30			no		2422
58	40	150	24	2	no		no		1,000					10		*30			yes		2423
60	48	265	18	none	no		no		1,000					10		45					2424
60	...	3	...	...	...		...		...					...		...					2425
60	60	7	5	none	no		no		200	no	none	none		10		60	yes	no	yes	yes	2426
60	60	10	9	1	no		no		400					10		60					2427
60	60	160	156	4	no		no		8,750					10		45					2428

† 49 are extra help for 30 days.

* By permission of deputy inspector.

Inspection book No. 52.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2429	Oct. 30	F. D. Zacharias	Detroit	Furniture	idle	
2430	" 30	Jenks & Muir Manufacturing Co.	"	Bedsteads and mattresses	r'ng	full
2431	" 30	Detroit Tinware Manuf'g Co.	"	Tinware	"	"
2432	" 31	Force & Dickinson	"	Staves and heading	"	part
2433	" 31	J. Van Dergype & Son	"	Sash, doors, etc.	"	"
2434	" 31	Art Stove Co.	"	Stoves and ranges	"	"
2435	" 31	G. V. Lasch	"	Beer barrels	"	"
2436	Nov. 1	Fountain Cross'g & Elect. L't Co.	"	Dynamoes and motors	"	full
2437	" 1	Day Manufacturing Co.	"	Bath tubs and water heat.	"	part
2438	" 1	The Standard Electric Co.	"	Electric apparatus	idle	
2439	" 1	Michigan Railway Supply Co.	"	Iron brake beams	r'ng	part
2440	" 1	Rumsey Manufacturing Co.	"	Carts, buggies, etc.	"	full
2441	" 2	C. D. Widman & Co.	"	Mirrors, etc.	"	part
2442	" 2	Leland, Faulconer & Norton Co.	"	Metal working machinery	"	"
2443	" 2	Acme White Lead and Color W'ks	"	Varnish	"	"
2444	" 5	American Radiator Co.	"	Radiators	"	"
2445	" 5	Detroit Varnish Co.	"	Varnish	"	full
2446	" 5	Peninsular Wheel Foundry	"	Car wheels	"	part
2447	" 5	Peninsular Car Shops	"	Cars	idle	
2448	" 6	Thiry, Feldmann & Co.	"	Sash, doors and blinds	r'ng	part
2449	" 6	Ford Bros.	"	Chair stock	"	"
2450	" 6	Craddock Manufacturing Co.	"	Stock shingles	"	"
2451	" 7	Decker Manufacturing Co.	"	Cash registers	"	full
2452	" 7	J. N. Smith Plating Works	"	Carriage and sleigh plat.	"	"
2453	" 8	Detroit Cash Register Co.	"	Cash registers	"	"
2454	" 8	Wagner & Ernewein	"	Tinware	"	"
2455	" 8	A. E. Eastwick & Co.	"	Electric machinery	"	part
2456	" 8	Detroit Stamping Co.	"	Cork screws	"	"
2457	" 8	DeCroupet Iron Co.	"	Iron and steel goods	"	"
2458	" 8	Detroit Brass Works	"	Brass goods	"	full
2459	" 9	The Reinhold Machine Co.	"	Machinery	"	"
2460	" 9	Eagle Paper Box Co.	"	Paper boxes	"	part
2461	" 9	American Button Co.	"	Buttons	"	full
2462	" 9	Hayes File Co.	"	Files	"	"
2463	" 9	J. Michele & Co.	"	Woodworking machinery	"	part
2464	" 10	Chas. Flock	"	Special furniture	"	"
2465	" 10	Hellenberg & Liebig	"	Machinery	"	"
2466	" 12	McRae & Roberts	"	Lubricators, etc.	"	full
2467	" 12	Michigan Cigar Box Co.	"	Cigar boxes	"	part
2468	" 12	Voelkner & Renike Manuf'g Co.	"	Electrical appliances	"	"
2469	" 12	Detroit Saw Works	"	Saws	"	"
2470	" 13	Boydell Bros., No. 1	"	White lead and paints	"	full
2471	" 13	L. J. Wohlrich	"	Machinery, etc.	"	part
2472	" 13	Boydell Bros., No. 2	"	White lead, paints, etc.	"	full
2473	" 13	E. F. Lee	"	Ornamental glass	"	part
2474	" 14	Citizen Cigar Factory	"	Cigars	"	full
2475	" 14	John Phillips & Co.	"	Show cases, etc.	"	"
2476	" 14	J. P. Hensien	"	Tinware	"	part
2477	" 14	J. B. Lauer	"	Artificial limbs, etc.	"	"

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.	Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.	Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
60 60	100	4	25	10	no	no	no	\$1,500	no	none	no	10	no	45	yes	no	yes	yes	2429
60 60	16	18	1	1	no	no	no	350	no	5	no	10	no	45	no	no	yes	yes	2430
60 54	65	12	none	no	no	no	no	400	no	2	yes	10	no	60	no	no	no	no	2431
60 54	6	6	no	no	no	no	no	275	no	none	no	10	no	60	no	no	no	no	2432
60 54	176	175	1	no	no	no	no	3,800	no	1	no	10	no	45	no	no	no	no	2433
60 54	20	6	none	no	no	no	no	250	no	none	no	10	no	60	no	no	no	no	2434
60 60	82	12	no	no	no	no	no	550	no	no	no	10	no	60	no	no	no	no	2435
60 54	20	15	no	no	no	no	no	400	no	no	no	10	no	60	no	no	no	no	2436
60 54	12	no	no	no	no	no	no	no	no	no	no	10	no	60	no	no	no	no	2437
60 54	60	31	1	no	no	no	no	1,200	no	none	no	10	no	60	yes	no	yes	yes	2438
60 60	35	34	1	no	no	no	no	1,400	no	no	no	10	no	30	no	no	yes	yes	2439
60 54	140	70	10	red.	10	no	no	1,500	1	13	1	10	no	45	no	no	no	no	2440
60 54	100	40	none	no	no	no	no	2,500	no	none	no	10	no	45	no	no	no	no	2441
60 54	7	6	no	no	no	no	no	280	no	no	no	10	no	60	no	no	no	no	2442
60 54	378	377	1	no	no	no	no	11,000	no	no	no	10	no	25	no	no	no	no	2443
60 60	15	13	none	no	no	no	no	500	no	no	no	10	no	30	no	no	no	no	2444
60 40	80	60	red.	10	no	no	no	2,500	no	no	no	10	no	60	no	no	no	no	2445
60 30	1,600	4	none	no	no	no	no	120	no	none	no	10	no	45	yes	no	yes	yes	2446
60 54	18	10	no	no	no	no	no	325	1	2	no	10	no	60	no	no	no	no	2447
60 48	51	51	no	no	no	no	no	1,375	no	no	no	10	no	60	no	no	no	no	2448
60 60	43	40	3	no	no	no	no	1,300	1	1	no	10	no	30	no	no	no	no	2449
60 60	60	40	none	no	no	no	no	1,400	1	1	no	10	no	30	no	no	no	no	2450
60 60	5	5	no	no	no	no	no	200	no	no	no	10	no	30	no	no	no	no	2451
60 60	5	4	1	no	no	no	no	180	no	no	no	10	no	30	no	no	no	no	2452
60 54	8	4	none	no	no	no	no	150	no	no	no	10	no	30	no	no	no	no	2453
60 48	40	7	red.	10	no	no	no	250	no	no	no	10	no	30	no	no	no	no	2454
60 54	12	8	no	no	no	no	no	300	no	no	no	10	no	45	no	no	no	no	2455
60 60	10	7	no	no	no	no	no	275	no	1	no	10	no	60	no	no	no	no	2456
60 60	18	12	no	red.	5	no	no	450	no	none	no	10	no	30	no	no	no	no	2457
60 57	35	8	20	red.	no	no	no	650	no	1	3	10	no	30	no	no	no	no	2458
60 60	80	12	13	no	no	no	no	700	no	none	no	10	no	30	no	no	no	no	2459
60 60	16	7	none	no	no	no	no	275	no	no	no	10	no	30	no	no	no	no	2460
60 54	20	18	no	no	no	no	no	675	no	no	no	10	no	30	no	no	no	no	2461
60 54	20	12	no	no	no	no	no	400	no	no	no	10	no	45	no	no	no	no	2462
60 54	12	4	no	no	no	no	no	180	no	no	no	10	no	45	no	no	no	no	2463
57 57	75	55	6	no	no	no	no	1,975	no	1	9%	no	yes	30	no	no	no	no	2464
60 54	40	20	15	no	no	no	no	950	no	no	yes	10	yes	45	no	no	no	no	2465
60 54	30	12	none	no	no	no	no	450	no	1	no	10	no	45	no	no	no	no	2466
60 54	12	10	no	no	no	no	no	450	no	no	no	10	no	45	no	no	no	no	2467
60 60	10	10	no	no	no	no	no	400	no	no	no	10	no	60	no	no	no	no	2468
60 54	5	5	no	no	no	no	no	280	no	no	no	10	no	45	no	no	no	no	2469
60 60	12	12	no	no	no	no	no	500	no	no	no	10	no	45	no	no	no	no	2470
60 40	10	10	no	no	no	no	no	400	no	no	no	10	no	60	no	no	no	no	2471
48 48	10	3	1	no	no	no	no	140	no	no	no	8	no	60	no	no	no	no	2472
60 60	41	40	1	red.	5	no	no	1,500	no	no	no	10	no	30	no	yes	no	no	2473
60 54	60	20	none	red.	10	no	no	500	no	2	no	10	no	45	no	no	no	no	2474
60 48	35	24	no	no	no	no	no	750	no	no	no	10	no	45	no	no	no	no	2475

* Shorter dinner hour allowed by inspector.

Inspection book No. 53.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2478	Nov. 15	Standard Mfg. Co.	Detroit	Muslin underwear	r'ng	full
2479	" 15	Detroit Dynamo Co.	"	Plating and polishing	"	part
2480	" 15	Clark Can Co.	"	Tin cans	"	full
2481	" 15	Detroit Paper Bag Co.	"	Paper bags	"	"
2482	" 16	Detroit Can Co.	"	Tin cans and boxes	"	part
2483	" 16	J. W. Weinstein & Co.	"	Rags	"	full
2484	" 16	Jacob Burnstine & Co.	"	"	"	part
2485	" 16	J. P. Benoit	"	Machinery	idle	full
2486	" 16	Barie & Saladin	"	Bread and cakes	r'ng	"
2487	" 17	V. Campros	"	Cut stone	"	"
2488	" 17	Huebner Mfg. Co.	"	Sash, doors and blinds	"	part
2489	" 17	Kreutter Bros.	"	Boot lasts	"	"
2490	" 19	Pullman Palace Car Co.	"	Sleeping cars	idle	full
2491	" 19	Western Cigar Box Co.	"	Cigar boxes	r'ng	part
2492	" 19	Schwanbeck Bros.	"	Picture frames	"	"
2493	" 19	Cubian Turkish Tobacco Co.	"	Cigars	"	full
2494	" 28	London Steam Laundry	"	Laundrer	"	"
2495	" 28	Palace Laundry	"	"	"	"
2496	" 28	A. Herbstreit	"	Bread	"	"
2497	" 28	V. Zimmel	"	Cigars	"	"
2498	" 28	Utopia Laundry	"	Laundrer	"	"
2499	" 30	Waterloo Yeast Co.	"	Twin Bros. yeast	"	"
2500	" 30	Banner Laundry	"	Laundrer	"	"
2501	" 30	A. Bader	"	Bread	"	"
2502	" 30	F. Wittelsberger	"	"	"	"
2503	" 30	Wolverine Laundry Co.	"	Laundrer	"	part
2504	Dec. 1	Diamond Match Co.	"	Matches	"	full
2505	" 3	" " No. 2	"	"	"	"
2506	" 3	Detroit Glove Works	"	Gloves and mittens	"	part
2507	" 3	H. Kehler Wagon Works	"	Wagons	"	full
2508	" 3	Jones Cigar Factory	"	Cigars	"	"
2509	" 3	Mather Bros.	"	Wagons	"	"
2510	" 3	A. Laffrey	"	Sash, doors and blinds	"	"
2511	" 4	West Detroit Chair Co.	"	Chairs	"	"
2512	" 4	M. Rosenfield	"	Cigars	"	"
2513	" 4	Columbian Laundering Co.	"	Laundrer	"	part
2514	" 4	Johnston Optical Co.	"	Optical goods	"	"
2515	" 4	Barr & Dates' Brass & Iron Works	"	Brass and iron wire	"	"
2516	" 4	Detroit Galvanizing Sheet Metal Works	"	Galvanized iron goods	"	"
2517	" 5	Delbridge & Cameron Co.	"	Sash, doors and blinds	"	"
2518	" 5	Fox Bros.	"	Special furniture	"	full
2519	" 5	Demam Bros.	"	Sash, doors and blinds	"	part
2520	" 5	Hargreaves Bros.	"	Frames and moulding	"	full
2521	" 5	L. B. DeGalan	"	Wood turning	"	part
2522	" 6	Wayne County Creamery	"	Butter	"	full
2523	" 6	Mich. Paste Mfg. Co.	"	Paste, mucilage, ammonia	"	"
2524	" 6	Smith, Day & Co.	"	Chairs and spring beds	"	"
2525	" 6	Edison Illuminating Co.	"	Electric lights	"	"
2526	" 6	Detroit Roller Mills	"	Flour and feed	"	"

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
80 80	85	2	62	no	no	no	no	no	3950	no			no	10	no	*30	yes	no	yes	yes	2478
80 54	15	10		no	no	no	no	no	375	no			no	10	no	*30	yes	no	yes	yes	2479
80 60	75	40		no	no	no	no	no	1,200	no	8		no	10	no	*30	yes	no	yes	yes	2480
80 80	8	2	6	no	no	no	no	no	275	no			no	10	no	*30	yes	no	yes	yes	2481
60 48	100	40		no	no	no	no	no	800	yes			yes	10	no	*30	yes	no	yes	yes	2482
54 54	20	3	1	no	no	no	no	no	150	no			no	10	no	60	yes	no	yes	yes	2483
54 54	18	4	6	no	no	no	no	no	300	no			no	10	no	60	yes	no	yes	yes	2484
60 60																					2485
54 54	17	12	2	no	no	no	no	no	600	no			no	10	no	60	yes	no	yes	yes	2486
54 54	12	10		no	no	no	no	no	550	no			no	9	no	60	yes	no	yes	yes	2487
60 54	35	20		no	no	no	no	no	800	no			no	10	no	45	yes	no	yes	yes	2488
60 48	18	16		no	no	no	no	no	600	no			no	10	no	45	yes	no	yes	yes	2489
60 60	400																				2490
60 54	100	39	38	no	no	no	no	no	1,475	yes	10		no	10	no	45	yes	no	yes	yes	2491
60 50	85	16	4	no	no	no	no	no	500	no	8		yes	10	no	45	yes	no	yes	yes	2492
60 60	10	4	2	no	no	no	no	no	160	no			no	9	no	60	yes	no	yes	yes	2493
54 54	12	4	2	no	no	no	no	no	800	no			no	9	no	45	yes	no	yes	yes	2494
54 54	25	7	18	no	no	no	no	no	750	no			no	9	no	45	yes	no	yes	yes	2495
54 54	6	4	2	no	no	no	no	no	225	no			no	9	no	*30	yes	no	yes	yes	2496
48 48	10	2	2	no	no	no	no	no	150	no			no	8	no	60	yes	no	yes	yes	2497
54 54	10	5	-1	no	no	no	no	no	169	no			no	9	no	60	yes	no	yes	yes	2498
60 60	12	4	4	no	no	no	no	no	250	no			no	9	no	60	yes	no	yes	yes	2499
60 54	130	15	70	no	no	no	no	no	2,125	no			yes	10	yes	45	yes	no	yes	yes	2500
60 60	6	6		no	no	no	no	no	230	no			no	10	no	60	yes	no	yes	yes	2501
60 60	17	18	2	no	no	no	no	no	550	no			no	10	no	60	yes	no	yes	yes	2502
80 54	6	3	3	no	no	no	no	no	200	no			no	10	no	60	yes	no	yes	yes	2503
60 60	585	161	185	red.	10	no	no	no	10,000	no	23	3	yes	10	yes	*30	yes	no	yes	yes	2504
80 60	190	81	82	red.	10	no	no	no	4,500	no	17	9	yes	10	yes	*30	yes	no	yes	yes	2505
60 54	10	3	5	no	no	no	no	no	809	no			no	10	no	45	yes	no	yes	yes	2506
60 60	5	5		no	no	no	no	no	225	no			no	10	no	60	yes	no	yes	yes	2507
48 48	10	6	2	no	no	no	no	no	280	no			no	8	no	60	yes	no	yes	yes	2508
60 60	5	5		no	no	no	no	no	280	no			no	10	no	60	yes	no	yes	yes	2509
54 54	45	20		no	no	no	no	no	800	no			no	9	no	45	yes	no	yes	yes	2510
60 60	28	15		no	no	no	no	no	550	no			no	10	no	*30	yes	no	yes	yes	2511
54 54	5	4		no	no	no	no	no	175	no			no	9	no	60	yes	no	yes	yes	2512
60 54	5	2	2	no	no	no	no	no	125	no			no	10	no	60	yes	no	yes	yes	2513
60 54	50	93	15	no	no	no	no	no	1,865	no			no	10	no	60	yes	no	yes	yes	2514
60 54	20	8		no	no	no	no	no	350	no			no	10	no	45	yes	no	yes	yes	2515
60 54	20	14		no	no	no	no	no	506	no			no	10	no	*30	yes	no	yes	yes	2516
54 48	26	13		no	no	no	no	no	650	no			no	9	no	*30	yes	no	yes	yes	2517
54 54	12	7		no	no	no	no	no	350	no			no	9	no	60	yes	no	yes	yes	2518
60 54	55	30		no	no	no	no	no	1,500	no			no	10	no	*30	yes	no	yes	yes	2519
60 60	150	119	14	no	no	no	no	no	3,500	no			no	10	no	50	yes	no	yes	yes	2520
60 54	6	4		no	no	no	no	no	150	no			no	10	no	60	yes	no	yes	yes	2521
60 60	42	35		no	no	no	no	no	1,100	no			no	10	no	60	yes	no	yes	yes	2522
60 60	6	6		no	no	no	no	no	250	no			no	10	no	45	yes	no	yes	yes	2523
60 60	40	40		no	no	no	no	no	1,200	no	6		no	10	no	*30	yes	no	yes	yes	2524
72 72	41	41		no	no	no	no	no	2,200	no			no	12	no	60	yes	no	yes	yes	2525
60 60	5	5		no	no	no	no	no	225	no			no	10	no	60	yes	no	yes	yes	2526

* Shorter dinner hour allowed by inspector.

Inspection book No. 54.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2527	Dec. 6	Whitehead and Lewis.....	Detroit	Sheet iron.....	idle	full
2528	" 7	Park & McKay Co.....	"	Sanitary water closets.....	running	full
2529	" 7	Detroit Metallic Casket Co.....	"	Caskets.....	"	"
2530	" 7	Brown Bros.....	"	Cigars.....	"	"
2531	" 7	Siam Laundry Co.....	"	Laundry work.....	"	"
2532	" 8	Wayne Laundry.....	"	".....	"	"
2533	" 8	Monitor Cigar Co.....	"	Cigars.....	"	"
2534	" 10	C. P. Collins & Co.....	"	".....	"	"
2535	" 10	J. L. Morrison.....	"	Handles.....	"	part
2536	" 10	Symonds Wire and Iron Works.....	"	Wire and iron goods.....	"	"
2537	" 10	Charles Sparke.....	"	Wagons and carriages.....	"	"
2538	" 10	E. T. Barnum Wire and Iron W'ks.....	"	Wire and iron goods.....	"	"
2539	" 10	Oliver & Overy.....	"	Candies.....	"	"
2540	" 11	Banner Tobacco Co.....	"	Tobacco.....	"	full
2541	" 11	E. Choze & Sons.....	"	Wagons and carriages.....	"	part
2542	" 11	Michigan Steam Laundry.....	"	Laundry work.....	"	full
2543	" 11	Eagle Carpet Cleaning Works.....	"	Carpet cleaning.....	"	"
2544	" 12	Vieana Bakery.....	"	Bread and cakes.....	"	"
2545	" 12	J. C. Sullivan & Co.....	"	Cigars.....	"	"
2546	" 13	Detroit Cigar Manufacturing Co.....	"	".....	"	part
2547	" 13	The Merry Capsule Co.....	"	Capsules.....	"	full
2548	" 13	W. P. Holliday.....	"	Paper boxes.....	"	part
2549	" 17	Detroit Wooden Novelty Co.....	"	Brush maker's supplies.....	"	"
2550	" 17	Baick & Sherwood M'fg Co.....	"	Plumbers' supplies.....	"	full
2551	" 17	Peninsular Emery Co.....	"	Emery wheels.....	"	"
2552	" 17	Star Carpet Cleaning Works.....	"	Carpet cleaning.....	"	part
2553	" 17	Arthur Colton.....	"	Tools and machinery.....	"	"
2554	" 17	Globe Brass Works.....	"	Water, air and beer p'mps.....	"	full
2555	" 18	Electric and Novelty Works.....	"	Electric machines.....	"	part
2556	" 18	W. H. Anderson & Son.....	"	Machinery.....	"	full
2557	" 18	J. E. Cobb, Stone Mill.....	"	Stone work.....	"	"
2558	" 18	John Malcho.....	"	Horse collars.....	"	"
2559	" 18	A. Simons & Co.....	"	Sorting and packing bags.....	"	"
2560	" 18	Western Newspaper Union.....	"	Stereotyped paper.....	"	"
2561	" 19	Clark Novelty Manufacturing Co.....	"	Pillow sham holders.....	"	part
2562	" 19	Detroit Cornice and Slate Co.....	"	Roofs and cornices.....	"	"
2563	" 19	Duncan McIntosh.....	"	Cut stone.....	"	full
2564	" 19	W. S. Piggins, Stone Mill.....	"	".....	"	"
2565	" 19	Hent Lutz.....	"	Carriages.....	"	"
2566	" 19	Daniel Scotten & Co.....	"	Tobacco.....	"	part
2567	" 20	Fieks' Upper Factory.....	"	Shoe uppers.....	"	full
2568	" 20	J. London.....	"	Clothing.....	"	"
2569	" 20	Anderson Cycle and M'fg Co.....	"	Bicycles.....	"	"
2570	" 20	Detroit Daily Abend Post.....	"	Newspaper.....	"	"
2571	" 20	W. H. Biddlecomb.....	"	Job printing.....	"	"
2572	" 20	Harrington & Onelette.....	"	Cigars.....	"	part
2573	" 21	School Print'g and Stationery Co.....	"	Book binding and print.....	"	full
2574	" 21	Star Cigar Manufacturing Co.....	"	Cigars.....	"	"
2575	" 21	Banner Cigar Manufacturing Co.....	"	".....	"	"

SECOND ANNUAL REPORT.

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District No. 1.

W. F. Tripp, Deputy Inspector.

	Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1933?	What per cent?	Have wages been increased or reduced since March 1, 1934?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner.	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
				Males.	Females.							Males.	Females.									
60 80	25	6		no				red.	10	\$400	no			no	10	no	*30	yes	no	yes	yes	2527
60 80	30	30		no				no		1,500	no			no	10	no	*30	yes	no	yes	yes	2528
54 54	650	40	510							15,000		2	10	yes	10	no	*60					2529
60 80	20	7	8							400				no	10	no	*30					2530
60 80	15	7	8							380					10	no	*60					2531
48 48	10	4	1							140					8	no	*60					2532
48 48	60	41	14							3,000					8	no	*60					2533
60 48	5	3								100					10	no	*60					2534
60 48	15	12								450					10	no	*30			yes		2535
60 54	5	4								140					10	no	*60					2536
60 54	16	16								550		1		yes	10	no	*40					2537
60 54	10	3								225				no	10	no	*45					2538
55 55	100	20	65							2,500					9	no	*30					2539
60 54	20	12								600					10	no	*60					2540
54 54	87	10	26							1,100					9	no	*45					2541
54 54	6	2	2							135					9	no	*45					2542
60 60	8	4	2							250					10	no	*60					2543
54 54	50	24	7							1,500					9	no	*60					2544
60 48	170	72	30							3,000					10	no	*60					2545
55 55	60	15	45							1,900					9	no	*60					2546
60 54	250	25	175							3,200		2	50		9	no	*30					2547
60 56	50	41		red.	10					1,375		4		no	10	no	*30					2548
60 60	320	167	49							5,000					10	no	*30					2549
60 60	15	7		no						850					10	no	*30					2550
60 48	10	4								140					10	no	*60					2551
60 54	15	15								700		1		yes	10	no	*45					2552
60 60	20	20								750		1			10	no	*45					2553
60 54	40	16	1							550				no	10	no	*45					2554
60 60	20	12								500					10	no	*45					2555
54 54	12	8								400					9	no	*60					2556
60 60	14	12								525					10	no	*30					2557
54 54	21	3	18							550					9	no	*30					2558
56 56	22	20	2							1,100					9	no	*30					2559
60 54	20	6								225					10	no	*30					2560
60 54	30	15								600					10	no	*30					2561
54 54	20	8								400					9	no	*45					2562
54 54	20	10								300					9	no	*60					2563
60 60	20	12								450					10	no	*45			yes		2564
60 48	950	377	519							10,500		6		yes	10	no	*30					2565
54 54	15	11	7							500				no	9	no	*60					2566
54 54	15	6	4							800					9	no	*60					2567
60 60	30	10								550					10	no	*30					2568
60 60	138	138								5,100					10	no	*60					2569
54 54	6	3								130					9	no	*60					2570
48 24	80	9	11							800					8	no	*60					2571
56 56	30	30	10							1,000					9	no	*60					2572
44 44	155	5	145	red.	5					3,500					7	no	*60					2573
44 44	400	158	110	no						12,000		1	30	yes	7	no	*60					2574
													68		7	no	*60					2575

* Shorter dinner hour allowed by inspector.

Inspection book No. 59.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1894.						
2820	Dec. 21	Kurtz Paper Box Co.	Detroit.	Paper boxes.	running	full
2821	" 21	Wm. Graham	"	Printed matter	"	"
2822	" 21	Howe Pattern Manufacturing Co.	"	Patterns	"	part
2823	" 22	J. L. Wing, Metal and Oil Works.	"	Babbet metal and oil	"	full
2824	" 22	J. C. Goss & Co.	"	Sail and tent manufac'y	"	part
2825	" 24	J. H. A. Haberkorn	"	Builders and contractors	"	full
2826	" 24	Gray Toynton & Fox	"	Candies	"	part
2827	" 24	Pierson & Hough	"	Horse collars	"	full
2828	" 24	Detroit Ideal Paint Co.	"	Paint	"	part
2829	" 24	Safety Furnace Pipe Co.	"	Safety furnace pipes	"	"
2830	" 24	Detroit Metal and Heating Works	"	Iron metal goods	"	"
2831	" 24	Detroit Electric Soap Co.	"	Soap	"	"
2832	" 24	Detroit Block Works	"	Pulley blocks and tackle	"	"
2833	" 24	Geo. W. Cope Pattern Works	"	Patterns	"	"
2834	" 24	Detroit Electric Power Co.	"	Electric lights and power	"	full
2835	" 25	Det. Cit. St. R. R. Co. Pow'r House	"	Electric power	"	"
2836	" 25	Det. Cit. St. R. R. Co. Car Shops	"	Street cars	"	"
2837	" 25	R. Robertson & Co.	"	Cut stone	"	"
2838	" 25	Schulze Bros. Soap Works	"	Soap and hard oil	"	"
2839	" 25	Vinton & Co.	"	Builders and contractors	"	"
2840	" 25	C. R. & J. C. Wilson Car'ge Works	"	Carriages and sleighs	"	"
2841	" 25	Flowers Bros. Machine Co.	"	Machinery and foundry	"	part
2842	" 25	Fulton Iron and Engine Works	"	Engines and elevators	"	"
2843	" 25	Wm. Cornahl	"	Book binding	"	full
2844	" 25	John Bornman & Son	"	Book printers	"	"
2845	" 27	Mich. Electrotype & Foundry Co.	"	Electrotype plates	"	"
2846	" 27	Detroit Emery Wheel Co.	"	Emery wheels	"	part
2847	" 27	Bock Schoeneweg & Gast	"	Furniture	"	"
2848	" 27	John J. Bagley & Co.	"	Tobacco	"	full
2849	" 27	Detroit Lithographic Co.	"	Lithographs	"	"
2850	" 27	U. S. Baking Co. (Vale & Crane)	"	Crackers and cakes	"	"
2851	" 27	Standard Pearl Button Co.	"	Buttons	"	"
2852	" 28	Bawl Kollar and Knff Co.	"	Collars and cuffs	"	"
2853	" 28	Detroit Metal Co.	"	Rags and metal	"	"
2854	" 28	W. Partridge	"	Book binding	"	"
2855	" 28	Wm. C. Heath	"	Printed matter	"	"
2856	" 28	The Angels Printing Co.	"	"	"	"
2857	" 28	C. H. Rule	"	"	"	"
2858	" 28	H. E. Downer	"	Engraving and stencils	"	"
2859	" 28	H. J. Volk	"	Stencils, seals and stamps	"	"
2860	" 29	The Michigan Horse News	"	Horseman's Journal	"	part
2861	" 29	Russell Wheel & Foundry Co.	"	Logging cars	"	"
2862	" 29	American Radiator Co.	"	Radiators	"	full
2863	" 31	The Michigan Volksblatt	"	Newspapers	"	"
2864	" 31	Detroit Alaska Sock Co.	"	Socks and mittens	"	"
2865	" 31	D. M. Ferry & Co.	"	Boxes	"	"
2866	" 31	"	"	Seeds	"	"
2867	" 31	Herch & Clarke	"	Artificial limbs	"	part
2868	" 31	Pingree & Smith	"	Shoes	"	"

District No. 1.

W. F. Tripp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1903?	What per cent?	Have wages been increased or reduced since March 1, 1904?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed?		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	52	6	24	no		no		\$1,000	no				10		60	yes	no	yes	2820	
54	54	30	24	5	"		"		800	"				9	no	60	"	"	"	2821	
60	54	4	3	5	"		"		225	"				10	"	60	"	"	"	2822	
60	60	4	4	4	"		"		200	"				10	"	60	"	"	"	2823	
60	54	50	12	4	red.	10	"		800	"				10	"	60	"	"	"	2824	
54	54	35	15		no		"		800	"				9	"	*30	"	"	"	2825	
60	54	152	66	55	"		"		3,200	"				10	"	60	"	"	"	2826	
60	60	28	18	8	"		"		1,250	"				10	"	*30	"	"	"	2827	
60	54	12	8	1	"		"		200	"				10	"	60	"	"	"	2828	
60	48	16	10		"		"		500	"				10	"	*30	"	"	"	2829	
60	54	35	30		red.	10	"		1,500	"				10	"	*30	"	"	"	2830	
60	48	20	4		no		"		250	"				10	"	60	"	"	"	2831	
60	48	10	6		"		"		225	"				10	"	60	"	"	"	2832	
60	60	40	40		"		"		2,100	"				10	"	45	"	"	"	2833	
72	72	68	68		"		"		3,500	"				12	"	60	"	"	"	2834	
72	72	12	12		"		"		525	"				12	"	60	"	"	"	2835	
60	60	25	14		"		"		550	"				10	"	60	"	"	"	2836	
54	54	20	12		"		"		600	"				9	"	60	"	"	"	2837	
60	60	6	6		"		"		250	"				10	"	60	"	"	"	2838	
54	54	240	160		red.	10	"		6,000	"				9	"	60	"	"	"	2839	
60	60	50	35		no		"		1,350	"				10	"	60	"	"	"	2840	
60	54	140	52		"		"		1,900	"				10	"	60	"	"	"	2841	
60	54	120	55		"		"		2,250	"				10	"	60	"	"	"	2842	
60	60	12	8	4	"		"		300	"				10	"	60	"	"	"	2843	
54	54	44	38	2	"		"		1,500	"				9	"	60	"	"	"	2844	
60	60	10	9						350	"				10	"	60	"	"	"	2845	
60	44	70	64	1	no		no		1,875	"				10	"	60	"	"	"	2846	
60	54	12	10		"		"		875	"				10	"	*30	"	"	"	2847	
60	60	300	50	118	"		"		4,850	"			1	yes	no	*30	"	"	"	2848	
55	55	40	25		"		"		1,300	"				9	"	60	"	"	"	2849	
55	55	80	48	22	"		"		4,800	"				9	"	*30	"	"	"	2850	
54	54	750	164	366	red.	20	"		10,000	"	2	10	yes	9	"	45	"	"	"	2851	
54	54	10	2	4	no		"		175	"				9	"	60	"	"	"	2852	
52	52	20	5	10	"		"		480	"				9	"	60	"	"	"	2853	
54	54	4	4		"		"		200	"				9	"	60	"	"	"	2854	
54	54	7	6		"		"		250	"				9	"	60	"	"	"	2855	
54	54	6	4	2	"		"		300	"				9	"	60	"	"	"	2856	
54	54	6	5		"		"		250	"				9	"	60	"	"	"	2857	
54	54	10	5		"		"		250	"				9	"	60	"	"	"	2858	
54	54	5	4		"		"		300	"				9	"	60	"	"	"	2859	
60	54	12	7	1	"		"		300	"				10	"	60	"	"	"	2860	
60	54	215	105		red.		"		5,500	"				10	"	*30	"	"	"	2861	
60	60	250	190		"		"		8,500	"				10	"	*25	"	"	"	2862	
54	54	20	16	4	no		"		1,100	"				9	"	60	"	"	"	2863	
60	60	80	8	12	"		"		550	"				10	"	60	"	"	"	2864	
60	60	25	25		"		"		950	"				10	"	60	"	"	"	2865	
60	60	675	125	550	"		"		12,000	"		6	yes	10	"	60	"	"	"	2866	
60	54	20	12		"		"		525	"				10	"	45	"	"	"	2867	
54	54	710	230	240	"		"		22,000	"	5	4	yes	9	"	*30	"	"	"	2868	

* Shorter dinner hour allowed by inspector.

Inspection book No. 16.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
724	Apr. 4	Lentz Table Co.	Nashville	Tables	r'ng	full
725	" 5	Hastings Table Co.	Hastings		"	"
726	" 5	Hastings Wool Boot Co.	"	Wool boots	"	"
727	" 5	Michigan Whip Co.	"	Whips	"	"
728	" 5	Hastings Furniture Co.	"	Furniture	"	"
729	" 6	Bently, Tomlinson & Rider	"	Hose reels	"	"
730	" 6	Hastings Engine and Iron Works	"	Engines and machinery	"	"
731	" 6	Ed. Powers	"	Cigars	"	"
732	" 6	T. D. French & Son	Middleville	Flour, etc.	"	"
734	" 6	Chas. Annison	"	Lumber	"	"
735	" 9	G. H. Myhan & Co.	South Haven	Leather	"	"
736	" 9	R. T. Pierce & Co.	"	Boxes and baskets	"	part
737	" 9	A. M. Prouty	"	Staves and heading	idle	"
738	" 10	R. C. Nyman	Bangor	Sash, doors and blinds	"	"
739	" 10	A. H. Youngs & Co.	Hartford	Headings	r'ng	full
740	" 10	Chicago Die and Last Co.	"	Dies and lasts	"	"
741	" 10	Chas. Leach	"	Lumber	idle	"
742	" 11	Buss Machine Co.	Benton Harb'r	Machinery	r'ng	part
743	" 11	Spencer, Barnes & Stuart	"	Furniture	"	full
744	" 11	Squire Dingee Co.	"	Vinegar and pickles	"	part
745	" 12	St. Joseph Wood Works	St. Joseph	Dressed lumber, etc.	"	"
746	" 12	Cooper, Wells & Co.	"	Knit goods, etc.	"	full
747	" 12	St. Joseph Iron Works	"	Machinery	"	"
748	" 12	St. Joseph Electric R'y & Light Co.	"	Electricity	"	"
749	" 12	W. A. Preston	"	Sash, doors and blinds	"	part
750	" 13	N. D. Haynes	Benton Harb'r	Dressed lumber	idle	"
751	" 13	E. W. Heath Ship Co.	"	Vessels and boats	r'ng	full
752	" 13	Geo. B. Thayer & Co.	"	Fruit boxes and baskets	"	"
753	" 13	Colby, Hinkley & Co.	"		"	"
754	" 13	E. A. Ireland	"	Dressed lumber	idle	"
755	" 13	J. M. Spink	"	"	r'ng	part
756	" 13	Benton Harbor Chilled Plow Co.	"	Plows	idle	"
757	" 14	F. Kamm & Sons	New Buffalo	Furniture	r'ng	full
758	" 14	Warren Featherbone Whip Co.	Three Oaks	Whips	"	"
759	" 14			Featherbone dress staya	"	part
760	" 16	Buchanan Cabinet Co.	Buchanan	Folding beds	"	full
761	" 16	Zinc Collar Pad Co.	"	Zinc collar pads	"	"
762	" 16	Bouch Bros. Wagon Works	"	Wagons	idle	"
763	" 17	Skalla Furniture Co.	Niles	Furniture	r'ng	full
764	" 17	Michigan Shovel Co.	"	Wire shovels	"	"
765	" 17	H. A. Thomas & Co.	"	Corsets	"	part
766	" 17	J. S. Tuttle	"	Suspender ends	"	full
767	" 17	Michigan Wood Pulp Co.	"	Paper	"	"
768	" 17	Ohio Paper Co.	"	"	"	"
769	" 17	Niles Paper Co.	"	"	"	"
770	" 18	Ohio Paper Co., mill No. 1.	"	"	"	"
771	" 18	Niles Wool Boot Co.	"	Wool boots	"	"
772	" 18	Earl, Storms Co.	"	Folding tables, step ladders, etc.	"	"

* This is a new firm, just started, do not yet know their full capacity, nor how much pay-roll will be.

District No. 2.

Geo. E. Gunn, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1892?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 15 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	30	30	none	no	10	no	—	\$1,000	no	none	none	—	10	—	—	60	no	yes	yes	724
60	60	50	35	—	red.	—	—	—	1,600	—	—	—	—	10	—	—	60	—	—	—	725
60	60	85	54	21	—	20	—	—	2,000	—	2	—	yes	10	no	—	45	yes	yes	—	726
60	60	60	38	9	no	—	—	—	300	—	none	—	—	10	—	—	60	no	—	—	727
60	60	135	50	none	red.	20	—	—	2,240	—	—	—	—	10	—	—	60	—	—	—	728
60	60	25	15	—	no	—	—	—	520	—	—	—	—	10	—	—	60	—	—	—	729
60	60	15	10	—	—	—	—	—	480	—	—	—	—	10	—	—	60	—	—	—	730
54	54	5	2	—	—	—	—	—	18	—	—	—	—	9	—	—	60	—	—	—	731
†	†	6	6	—	—	—	—	—	320	—	—	—	—	—	—	—	60	—	—	—	732
60	60	7	7	—	—	—	—	—	146	—	—	—	—	10	—	—	60	yes	—	no	734
60	60	10	5	—	—	—	—	—	*	—	—	—	—	10	—	—	60	no	—	yes	735
60	54	150	30	10	—	—	—	—	1,200	—	—	—	—	9	—	—	60	—	no	—	736
60	—	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	737
60	60	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	738
60	60	15	7	none	no	—	no	—	168	no	none	none	—	10	—	—	60	yes	no	no	739
60	60	5	5	—	—	—	—	—	128	—	—	—	—	10	—	—	60	no	—	—	740
60	—	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	—	—	—	741
60	54	125	45	none	red.	20	no	—	1,800	no	none	none	—	9	—	—	60	no	no	yes	742
60	60	150	150	—	—	5	—	—	3,000	—	2	—	no	10	no	—	60	—	—	no	743
60	54	25	14	—	no	—	—	—	700	—	none	—	—	9	—	—	60	—	yes	yes	744
60	30	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	745
60	60	200	50	150	—	—	—	—	4,000	2	4	8	no	10	no	—	60	no	no	yes	746
†	†	31	31	none	—	—	—	—	1,500	no	none	none	—	10	—	—	60	—	no	—	747
†	†	3	3	—	—	—	—	—	130	—	—	—	—	—	—	—	60	—	—	—	748
60	54	38	24	—	—	—	—	—	1,000	—	—	—	—	9	—	—	60	—	yes	—	749
60	—	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	750
60	60	50	20	none	red.	10	no	—	780	no	none	none	—	10	—	—	60	no	no	yes	751
60	60	60	40	10	no	—	—	—	920	—	2	—	no	10	no	—	60	—	—	—	752
60	60	60	40	10	—	—	—	—	3,000	—	none	—	—	10	—	—	60	—	—	—	753
60	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	754
60	30	5	3	none	no	—	no	—	80	no	none	none	no	10	—	—	60	no	no	yes	755
60	—	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	756
60	60	30	10	none	red.	10	no	—	280	no	none	none	—	10	—	—	60	no	no	no	757
60	60	30	6	4	—	25	—	—	217	—	—	—	—	10	—	—	60	—	—	—	758
60	54	200	75	100	no	—	—	—	2,800	2	8	4	no	9	no	—	60	—	yes	—	759
60	60	50	15	none	red.	5	—	—	500	no	none	none	—	10	—	—	60	—	—	—	760
60	60	8	4	—	no	—	—	—	125	—	—	—	—	10	—	—	60	—	—	—	761
60	—	55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	762
60	60	22	13	none	red	5	no	—	320	no	none	none	—	10	—	—	60	no	no	no	763
60	60	6	3	—	—	—	—	—	*	—	—	—	—	10	—	—	60	—	—	yes	764
54	48	10	none	5	—	—	—	—	100	—	—	—	—	8	—	—	60	—	—	—	765
60	60	40	15	5	red.	10	—	—	400	—	6	—	no	10	no	—	60	—	—	—	766
†	†	110	70	40	—	10	—	—	3,400	—	none	—	—	10	—	—	60	—	—	—	767
†	†	81	31	none	—	10	—	—	*	—	—	—	—	10	—	—	60	—	—	—	768
†	†	58	39	17	—	10	—	—	*	—	—	—	—	10	—	—	60	—	—	—	769
†	†	34	34	none	—	10	—	—	*	—	—	—	—	10	—	—	60	—	—	—	770
60	60	50	32	18	no	—	—	—	275	—	—	—	—	10	—	—	60	—	—	—	771
60	60	25	12	none	red.	25	—	—	320	—	—	—	—	10	—	—	60	—	no	no	772

† 144 hours.

* Could not report.

Inspection book No. 13.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
773	May 4	Kalamazoo Publishing Co.	Kalamazoo	Blank books	ring	full
774	" 4	J. Goldberg	"	Cigars	"	"
775	" 4	Bardeen Paper Co.	Otsego	Book paper	"	"
776	" 4	Michigan Manufacturing Co.	"	Pants and overalls	"	"
777	" 7	Otsego Chair Co.	"	Chairs	"	"
778	" 7	Allegan Paper Co.	Allegan	Straw paper	idle	"
779	" 7	E. B. Born	"	Wagons	ring	full
780	" 7	Cook, Baker & Co.	"	Dressed lumber	"	"
781	" 7	Oliver & Co.	"	Furniture	"	"
782	" 8	Comstock Manufacturing Co.	Comstock	Engines	"	"
783	" 8	Barlow & Youmans	Galesburg	Windmills	idle	"
784	" 9	Advance Thresher Co.	Battle Creek	Threshing machines	ring	full
785	" 9	Michigan Foundry Co.	"	Castings	"	"
786	" 9	Hoeck Furniture Co.	"	Furniture	"	part
787	" 9	Duplex Printing Press Co.	"	Printing presses	"	"
788	" 10	Advent Publishing Co.	"	Books and papers	"	"
789	" 10	Battle Creek Carriage Co.	"	Carriages	"	"
790	" 10	Battle Creek Baking Co.	"	Bakers' goods	"	"
791	" 10	Knight & Beach	"	Sash, doors and blinds	"	"
792	" 10	L. B. Clapp	"	"	"	full
793	" 10	Gage & Sons	"	Blank books	"	"
794	" 11	Battle Creek Machinery Co.	"	Machinery	"	"
795	" 11	Mason, Rathburn & Co.	"	Dressed lumber	"	part
796	" 11	M. M. Lewis	"	Buildings, etc.	"	full
797	" 11	John Brennan & Co.	"	Boilers	"	"
798	" 11	Metal Back Album Co.	"	Albums	"	"
799	" 14	L. C. Palmer & Co.	"	Brooms	"	"
800	" 14	Battle Creek Imp. Co.	"	Implements	"	part
801	" 14	Meteor Cycle Manufacturing Co.	"	Bicycles	"	full
802	" 14	Union Manufacturing Co.	"	Pumps	"	"
803	" 15	Nichols and Shepard Co.	"	Threshing machines	"	part
804	" 15	Michigan Scoop Co.	"	Scoops and boxes	"	"
805	" 15	G. A. Dubois	"	Sorted rags	"	full
806	" 15	A. M. Minty	"	Cigars	"	"
807	" 16	Page Bros. Carriage Co.	Marshall	Carriages	"	"
808	" 16	C. J. & M. E. R. Machine Shops	"	Machinery	"	part
809	" 16	Folding Bath Tub	"	Bath tubs	"	full
810	" 17	Marshall School Seat Works	"	School seats	"	part
811	" 17	Marshall Furnace Co.	"	Furnaces	"	full
812	" 17	Marshall Casket Co.	"	Caskets	"	"
813	" 17	Royal Cycle Works	"	Bicycles	"	"
814	" 18	Gale Manufacturing Co.	Albion	Plows	"	"
815	" 18	Wm. M. Loder	"	Dressed lumber	"	"
816	" 18	Albion Milling Co.	"	Floor, etc.	"	part
817	" 18	Albion Malleable Iron Works	"	Castings, etc.	"	full
818	" 18	Elms Baggy Co.	"	Baggies	"	"
819	" 18	Union Windmill Co.	"	Wind mills	"	"
820	" 18	Farnelee & Son.	"	Sash, doors and blinds	idle	"

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District No. 2.

Geo. E. Gunn, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	No. employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
Males.	Females.										Males.	Females.									
59	59	50	40	10	no		no		\$2,120	no	none	none		9		80	no	no	yes	yes	773
48	48	23	23		"		"		1,080	"	"	"		8		80	"	"	"	"	774
+	+	475	70	230	"		"		10,092	"	"	"		10		60	"	"	no	"	775
60	60	60	10	30	"		"		1,000	"	"	"		10		60	"	"	yes	"	776
60	60	125	80	none			"		2,000	"	"	"		10		60	"	"	no	"	777
+	+	25	none		red.	10	"														778
60	60	10	9	"	no		"		452	no	none	none		10		60	no	no	no	no	779
60	60	10	10	"	"		"		578	"	"	"		10		60	"	"	yes	yes	780
60	60	25	25	"	"		"		800	"	"	"		10		60	"	"	"	"	781
60	60	50	27	"	"		"		1,100	"	"	"		10		60	"	"	no	no	782
60	60	15	none				"														783
60	60	325	248	none	no		no		10,113	no	none	none		10		60	no	no	no	yes	784
60	60	100	75	"	"		"		3,705	"	"	"		10		60	"	"	yes	"	785
60	30	15	6	"	"		"		240	"	"	"		10		60	"	"	"	"	786
60	30	150	*90	"	"	dec.	50		1,600	"	"	"									787
60	48	325	100	"	no		"		6,500	"	"	"		8		60	no	no	no	yes	788
60	60	30	20	none	"		"		950	"	"	"		10		60	"	"	yes	"	789
60	60	8	8	"	"		"		240	"	"	"		10		60	"	"	"	"	790
60	54	14	5	"	"		"		164	"	"	"		9		60	"	"	"	"	791
60	60	16	10	"	"		"		400	"	"	"		10		60	"	"	"	"	792
60	60	50	23	10	"		"		1,200	"	"	"		10		60	"	"	no	yes	793
60	60	102	50	none	red.	5	"		2,440	"	"	"		10		60	"	"	"	"	794
60	54	12	12	"	no		"		524	"	"	"		9		60	"	"	no	"	795
54	54	50	50	"	inc.	8	"		2,600	"	"	"		9		60	"	"	yes	"	796
60	60	45	33	"	red.	10	"		1,100	"	"	"		10		60	"	"	"	"	797
60	60	30	12	4	"	15	"		624	"	"	"		10		60	"	"	"	"	798
60	60	5	5	none	no		"		180	"	"	"		10		60	"	"	"	"	799
60	54	38	26	"	red.	5	"		400	"	"	"		9		60	"	"	"	no	800
60	60	18	18	"	no		"		650	"	"	"		10		60	"	"	yes	"	801
60	60	35	10	"	"		"		650	"	"	"		10		60	"	"	"	"	802
60	48	400	350	"	"		"		12,800	"	"	"		8		60	"	"	no	"	803
60	48	10	2	3	"		"		120	"	"	"		8		60	"	"	yes	"	804
60	60	50	6	10	"		"		386	"	"	"		10		60	"	"	"	"	805
48	48	25	16	5	"		"		720	"	"	"		8		60	"	"	"	"	806
60	60	55	none	"	"		"		2,000	"	"	"		10		60	"	"	"	"	807
60	45	100	86	"	"		"		2,911	"	"	"		9		60	"	"	"	"	808
60	60	30	20	"	"		"		720	"	"	"		10		60	"	"	"	"	809
60	57	60	43	"	"		"		1,800	"	"	"		9½		60	"	"	no	"	810
60	60	20	20	"	"		"		800	"	"	"		10		60	"	"	"	"	811
60	60	45	30	"	"		"		1,000	"	"	"		10		60	"	"	yes	"	812
60	60	50	37	"	"		"		1,000	"	"	"		10		60	"	"	no	"	813
60	60	250	160	5	red.	7	"		6,580	"	"	"		10		60	"	"	"	"	814
60	60	10	10	none	no		"		500	"	"	"		10		60	"	"	"	"	815
+	+	15	15	"	"		"		804	"	"	"		8		60	"	"	"	"	816
60	60	125	60	"	red.	10	"		2,000	"	"	"		10		60	"	"	yes	"	817
60	60	65	65	"	no		"		2,620	"	"	"		10		60	"	"	no	"	818
60	60	20	15	"	"		"		500	"	"	"		10		60	"	"	"	"	819
60	--	6																			820

* Even with this only runs part time.

† Not given.

‡ 144 hours.

Inspection book No. 29.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1309	May 18	Albion Electric Light Co.	Albion	Electric light	running	full
1310	" 21	S. W. Phillips	Jackson	Brooms	"	part
1311	" 21	Central City Soap Co.	"	Soap	"	full
1312	" 21	Michigan Manufacturing Co.	"	Buggies	"	"
1313	" 21	Muns & Avery	"	Sash, doors and blinds	"	part
1314	" 21	Corset Corset Co.	"	Corsets	"	full
1315	" 22	Jackson Bakery Co.	"	Bakers' goods	"	part
1316	" 22	Thorp Carriage Co.	"	Carriages	"	full
1317	" 22	Standard Manufacturing Co.	"	Underwear	"	"
1318	" 23	Bennett Tile Machine Co.	"	Machinery	"	"
1319	" 23	Harmon Manufacturing Co.	"	Dust collectors	"	part
1320	" 23	Dennis Machine Co.	"	Machinery	"	"
1321	" 23	Smith & Adams	"	Dressed lumber	"	full
1322	" 23	Doig & Riley	"	Building material	"	"
1323	" 24	Louis Blessing Box Factory	"	Boxes	"	"
1324	" 24	Jackson Paper Co.	"	Paper	"	"
1325	" 25	Holton & Weatherwax	"	Machinery	"	"
1326	" 25	S. Heyser & Son	"	Sash, doors and blinds	"	"
1327	" 25	The Knickerbocker Co.	"	Dust collectors	"	"
1328	" 25	Beliance Corset Co.	"	Corsets	"	"
1329	" 26	Novelty Manufacturing Co.	"	Oil stoves	"	"
1330	" 26	Withington & Cooley	"	Farm tools	"	part
1331	" 26	Bortree Manufacturing Co.	"	Corsets	"	full
1332	" 26	Church's Steam Laundry	"	Laundry work	"	"
1333	" 26	Jackson Corset Co.	"	Corsets	"	"
1334	" 29	Jackson Bridge and Iron Works	"	Iron bridges	"	"
1335	" 29	Aspinwall Manufacturing Co.	"	Farm implements	"	"
1336	" 29	Central Oil Gas Stove Co.	"	Oil gas stoves	"	"
1337	" 29	Union Lumber Co.	"	Dressed lumber	"	"
1338	" 29	M. C. B. R. Machine Shops	"	Machinery	"	part
1339	" 29	M. C. B. R. Wood Shops	"	Wood work (machinery)	"	"
1340	" 31	Jackson Daily Citizen	"	Newspapers	"	full
1341	" 31	Collins Manufacturing Co.	"	Carriages	"	"
1342	" 31	John Hutchinson Manufacturing Co.	"	Flour, feed, etc.	"	"
1343	" 31	National Wheel Works	"	Wheels	"	"
1344	" 31	Fuller Baggy Co.	"	Bagging	"	"
1345	" 31	Lewis & Allen Spring Co.	"	Baggy springs	"	"
1346	" 31	Michigan Harness Co.	"	Harnesses	"	"
1347	June 1	The Scharf Tag and Label Co.	Ypsilanti	Tags, labels and boxes	"	"
1348	" 1	The Ypsilanti Dress Stay Co.	"	Dress stays	"	"
1349	" 1	The Hay & Todd Manufact'g Co.	"	Knit goods	"	"
1350	" 4	Ypsilanti Lumber Co.	"	Dressed lumber	"	"
1351	" 4	Ypsilanti Machine Works	"	Flour mill machinery	"	"
1352	" 4	Pennineer Paper Co.	"	Paper	"	"
1353	" 5	Leick Bros.	Ann Arbor	Sash, doors and blinds	"	"
1354	" 5	H. Krapp	"	"	"	"
1355	" 5	Ferguson Cart and Carriage Co.	"	Carts and carriages	"	"
1356	" 5	Ann Arbor Implement Co.	"	Farm implements	"	"

SECOND ANNUAL REPORT.

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District No. 1.

Geo. E. Gunn, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belted provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60 80	4	4	none	no	no	no	no	\$170	no	none	none	no	10	no	no	60	no	no	yes	1309	
60 54	40	20	20	2	red.	no	no	690	no	1	no	no	9	no	no	60	no	no	yes	1310	
60 60	43	35	5	no	no	no	no	1,478	no	5	no	yes	10	yes	no	60	no	no	yes	1311	
60 60	21	31	none	no	no	no	red.	780	no	none	no	no	10	no	no	60	no	no	no	1312	
60 54	10	4	no	no	no	no	no	170	no	no	no	no	9	no	no	60	no	no	no	1313	
60 60	183	15	168	no	no	no	no	3,198	no	no	5	yes	10	yes	no	60	no	no	no	1314	
60 50	17	13	4	no	no	no	no	950	no	no	no	no	10	no	no	60	no	no	no	1315	
60 60	300	108	2	no	no	no	no	5,500	no	no	no	no	10	no	no	60	no	no	no	1316	
60 60	300	10	270	no	no	no	no	2,900	no	no	no	no	10	no	no	60	no	no	yes	1317	
60 60	20	5	none	no	no	no	no	*	no	no	no	no	10	no	no	60	no	no	no	1318	
60 54	20	20	no	no	no	no	no	950	no	no	no	no	9	no	no	60	no	no	no	1319	
60 48	40	29	no	no	no	no	no	650	no	no	no	no	8	no	no	60	no	no	no	1320	
60 60	13	13	no	no	no	no	no	600	no	no	no	no	10	no	no	60	no	no	no	1321	
54 54	8	8	no	no	no	no	no	450	no	no	no	no	9	no	no	60	no	no	no	1322	
60 60	37	27	10	red.	10	no	no	1,000	no	no	2	yes	10	yes	no	60	no	no	no	1323	
60 60	30	26	4	no	no	no	no	1,100	no	no	no	no	10	no	no	60	no	no	no	1324	
60 60	109	50	15	no	no	no	no	2,250	no	no	no	no	10	no	no	60	no	no	no	1325	
60 60	75	30	no	no	no	no	no	1,300	no	no	no	no	10	no	no	60	no	no	yes	1326	
54 54	30	20	no	red.	10	no	no	950	no	no	no	no	9	no	no	60	no	no	no	1327	
60 60	93	8	64	no	no	no	no	1,650	no	no	no	no	10	no	no	60	yes	no	yes	1328	
60 60	54	54	none	no	no	no	no	2,200	no	no	no	no	10	no	no	50	no	no	no	1329	
60 54	50	40	no	no	no	no	no	1,250	no	no	no	no	9	no	no	60	no	no	no	1330	
60 60	100	8	47	red.	10	no	no	1,525	no	no	no	no	10	no	no	60	yes	no	no	1331	
60 60	12	2	10	no	no	no	no	320	no	no	no	no	10	no	no	60	no	no	no	1332	
60 60	169	10	159	no	no	no	no	4,350	no	no	no	no	9	no	no	60	no	no	no	1333	
60 60	50	30	none	no	no	no	no	*	no	no	no	no	10	no	no	50	no	no	no	1334	
60 60	85	20	no	no	no	no	no	880	no	no	no	no	10	no	no	50	no	no	yes	1335	
54 54	120	28	no	red.	10	no	no	900	no	no	no	no	9	no	no	50	no	no	no	1336	
60 60	18	18	no	no	no	no	no	*	no	no	no	no	10	no	no	60	no	no	no	1337	
59 48	450	348	no	inc.	4	inc.	no	15,329	no	no	no	no	10	no	no	60	yes	no	no	1338	
60 54	60	35	no	no	no	no	no	1,960	no	no	no	no	9	no	no	60	no	no	yes	1339	
59 59	25	25	inc.	8	no	no	no	1,800	no	no	no	no	9	no	no	60	no	no	no	1340	
60 60	300	100	no	red.	10	no	no	4,500	no	no	no	no	10	no	no	50	no	no	no	1341	
60 60	60	60	no	no	no	no	no	2,000	no	no	no	no	10	no	no	50	no	yes	no	1342	
60 60	112	112	no	red.	10	no	no	3,600	no	6	yes	10	yes	50	yes	50	no	no	no	1343	
60 60	125	125	no	no	10	no	no	4,500	no	none	no	no	10	no	no	50	no	no	no	1344	
60 60	40	40	no	no	10	no	no	1,700	no	no	no	no	10	no	no	50	no	no	no	1345	
60 60	40	21	no	no	25	no	no	675	no	no	no	no	10	no	no	50	no	no	no	1346	
60 60	75	20	27	no	no	no	no	1,050	no	no	no	no	10	no	no	60	no	no	yes	1347	
60 60	82	8	74	no	no	no	no	2,925	no	no	no	no	10	no	no	60	no	no	yes	1348	
60 60	275	15	160	red.	10	no	no	3,350	no	no	no	no	10	no	no	60	no	no	no	1349	
60 60	8	4	none	no	no	no	no	188	no	no	no	no	10	no	no	60	no	no	no	1350	
60 60	20	13	no	no	no	no	no	1,250	no	no	no	no	10	no	no	60	no	no	no	1351	
† †	46	30	16	red.	no	no	no	2,000	no	no	no	no	10	no	no	60	no	no	no	1352	
60 60	15	12	none	no	no	no	no	450	no	no	no	no	10	no	no	60	no	no	no	1353	
60 60	6	6	no	no	no	no	no	225	no	no	no	no	10	no	no	60	no	yes	no	1354	
60 60	35	14	1	red.	10	no	no	765	no	no	no	no	10	no	no	60	no	no	no	1355	
60 60	90	67	none	no	no	no	no	2,250	no	no	no	no	10	no	no	60	no	no	no	1356	

† 144 hours, run night and day.

* Foreman could not furnish information.

FACTORY INSPECTION.

Inspection book No. 30.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1301	June 2	Ann Arbor Organ Co.	Ann Arbor	Organs	running	full
1302	" 6	Michigan Furniture Co.	"	Furniture	"	part
1303	" 6	Michigan Table Co.	"	Tables	"	full
1304	" 7	Kimble & Smith	Manchester	Refrigerators	"	"
1305	" 7	Clinton Wooden Manufacturing	Clinton	Woolen Cloth	"	"
1306	" 7	Tecumseh Table Co.	Tecumseh	Tables	"	"
1307	" 8	Hines Bros. & Co.	"	Iron castings	"	part
1308	" 8	Temple Manufacturing Co.	"	Shut. doors and blinds	idle	"
1309	" 8	H. Brewer & Co.	"	Tile machinery	running	part
1310	" 8	Adrian Furniture Manuf'g Co.	Adrian	Furniture	"	"
1311	" 11	Anstin & Rose	"	Dressed lumber	"	full
1312	" 11	The Gruesell Manufacturing Co.	"	"	"	"
1313	" 11	Adrian Brick and Tile Machine Co.	"	Brick and tile machinery	"	"
1314	" 11	Willard Electric Co.	"	Electric supplies	"	"
1315	" 12	The Church Manufacturing Co.	"	Pumps	idle	"
1316	" 12	New Chamberlain Manuf'g Co.	Hudson	"	running	full
1317	" 12	Palmer Furniture Manuf'g Co.	Adrian	Furniture	"	"
1318	" 12	Wager Wire Fence Co.	"	Wire fences	"	"
1319	" 12	L. & M. S. & Sons	"	Machinery	"	part
1320	" 12	Hillsdale City Mills	Hillsdale	Floor, etc.	"	full
1321	" 12	The Pratt Manufacturing Co.	Coldwater	Cutters and sleighs	"	"
1322	" 12	Harlow Furniture Factory	"	Furniture	"	"
1323	" 12	Carlson & Co.	"	Staves and barrels	"	"
1324	" 12	J. H. Whitton	Sturgis	Shut and doors	"	"
1325	" 12	Watts & Harro	"	Furniture	"	"
1326	" 12	Grubbs & Crosby Furniture Co.	"	"	"	"
1327	" 12	Watts & Harro	"	"	"	"
1328	" 12	Anderson & Sturgis	"	"	"	"
1329	July 6	Grubbs Fruit Co.	Lansing	Cigars	"	"
1330	" 6	Peter Manufacturing Co.	"	Furniture	"	"
1331	" 10	J. Hammond & Son Co.	"	Cigars	"	"
1332	" 10	Lansing Cigar and Cereal Co.	"	Paper and cereals	"	"
1333	" 10	Wheat Machinery Co.	"	Machinery, tools, etc.	idle	"
1334	" 10	Wheat & Co. Lumber Manufact'g	"	Cutlery	running	full
1335	" 11	J. F. Clark & Son	"	Staves and machinery	"	"
1336	" 11	Anderson Brothers Co.	"	Shut parts	"	"
1337	" 11	Robert Smith & Co.	"	Textile matter	"	"
1338	" 11	Thompson & The Harro	"	"	"	"
1339	" 11	Wheat Manufacturing Co.	"	Staves	"	"
1340	" 11	Michigan Wood Co.	"	Shut	"	"
1341	" 12	Lansing Lumber Co.	"	Shut. doors, etc.	"	"
1342	" 12	Lansing Paper Works	"	Shut	"	part
1343	" 12	Wheat Machinery Co.	"	Textile matter	"	full
1344	" 12	Wheat & Co. Lumber Manufact'g	"	Staves and machinery	"	"
1345	" 12	Lansing Lumber Co.	"	Shut	"	part
1346	" 12	Lansing Lumber Co.	"	Shut	"	full
1347	" 12	Lansing Lumber Co.	"	Shut	"	full
1348	" 12	Lansing Lumber Co.	"	Shut	"	full
1349	" 12	Lansing Lumber Co.	"	Shut	"	full
1350	" 12	Lansing Lumber Co.	"	Shut	"	full
1351	" 12	Lansing Lumber Co.	"	Shut	"	full
1352	" 12	Lansing Lumber Co.	"	Shut	"	full
1353	" 12	Lansing Lumber Co.	"	Shut	"	full
1354	" 12	Lansing Lumber Co.	"	Shut	"	full
1355	" 12	Lansing Lumber Co.	"	Shut	"	full
1356	" 12	Lansing Lumber Co.	"	Shut	"	full
1357	" 12	Lansing Lumber Co.	"	Shut	"	full
1358	" 12	Lansing Lumber Co.	"	Shut	"	full
1359	" 12	Lansing Lumber Co.	"	Shut	"	full
1360	" 12	Lansing Lumber Co.	"	Shut	"	full
1361	" 12	Lansing Lumber Co.	"	Shut	"	full
1362	" 12	Lansing Lumber Co.	"	Shut	"	full
1363	" 12	Lansing Lumber Co.	"	Shut	"	full
1364	" 12	Lansing Lumber Co.	"	Shut	"	full
1365	" 12	Lansing Lumber Co.	"	Shut	"	full
1366	" 12	Lansing Lumber Co.	"	Shut	"	full
1367	" 12	Lansing Lumber Co.	"	Shut	"	full
1368	" 12	Lansing Lumber Co.	"	Shut	"	full
1369	" 12	Lansing Lumber Co.	"	Shut	"	full
1370	" 12	Lansing Lumber Co.	"	Shut	"	full
1371	" 12	Lansing Lumber Co.	"	Shut	"	full
1372	" 12	Lansing Lumber Co.	"	Shut	"	full

SECOND ANNUAL REPORT.

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District No. 2.

G. E. Gunn, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Number employees at present.		Have wages been increased or reduced since April 1, 1898?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.	Males.	Females.							Males.	Females.									
60	60	30	25	none	no	red.	10	no	--	\$1,735	no	none	none	--	10		60					1357
60	48	78	70	"	"	"	--	"	--	1,550	"	4	"	--	8	no	60					1358
60	60	10	10	"	"	"	--	"	--	220	"	none	"	--	10		60					1359
60	60	10	8	"	"	"	--	"	--	220	"	"	"	--	10		60					1360
60	60	150	75	75	"	"	--	"	--	4,000	"	2	"	--	10	no	60					1361
60	60	30	19	none	red.	no	13	red.	13	760	"	none	"	--	10		60					1362
60	30	20	8	"	no	no	--	no	--	210	"	"	"	--	10		60					1363
60	48	55	25	none	"	red.	10	"	--	1,500	no	none	none	--	8		60	no	no	yes	yes	1364
60	48	120	80	"	no	red.	10	"	--	2,500	"	2	"	--	8	no	60			no		1365
60	60	20	11	"	"	no	--	"	--	325	"	none	"	--	10		60			yes		1367
60	60	18	13	"	"	"	--	"	--	550	"	"	"	--	10		60			"		1368
60	60	50	25	"	red.	no	25	"	--	950	"	"	"	--	10		60			"		1369
60	60	175	70	"	no	no	--	"	--	950	"	"	"	--	10		60			"		1370
60	60	45	25	none	no	no	--	no	--	450	no	none	none	no	10		60	no	no	yes	yes	1372
60	60	39	45	"	"	"	--	"	--	975	"	"	"	--	10		60			"		1373
60	60	95	95	"	"	"	--	"	--	3,900	"	"	"	--	10		60			"		1374
60	40	225	225	"	"	"	--	"	--	8,400	"	"	"	--	7		60			"		1375
60	60	8	8	"	"	"	--	"	--	400	"	"	"	--	10		60			"		1376
60	60	47	47	"	"	"	--	"	--	1,560	"	"	"	--	10		60			"		1377
60	60	25	25	"	red.	"	10	"	--		"	"	"	--	10		60			"		1378
60	60	80	50	"	"	"	10	"	--	1,530	"	"	"	--	10		50			"		1379
60	60	12	6	"	no	"	"	"	--	175	"	"	"	--	10		60			"		1380
60	60	125	75	"	red.	no	20	"	--	2,175	"	"	"	--	10		60			"		1381
60	60	65	65	"	"	"	10	"	--	2,125	"	"	"	--	10		60			"		1382
60	60	56	26	"	"	"	10	"	--	1,075	"	"	"	--	10		60			"		1383
60	60	73	73	"	"	"	10	"	--	3,000	"	"	"	--	10		60			"		1384
60	60	35	4	"	no	"	"	"	--	140	"	"	"	--	10		60			"		1385
60	60	80	60	"	red.	no	10	"	--	2,160	"	"	"	--	10		60			"		1386
54	54	75	50	25	no	red.	"	"	--	3,080	"	"	"	--	9		60			"		1387
60	60	90	20	45	no	red.	20	"	--	1,800	"	"	"	--	10		60			"		1388
60	60	15							--					--								1389
60	60	100	50	none	red.	no	20	no	--	1,730	no	none	none	no	10		60	no	no	no	yes	1390
60	60	22	22	"	no	no	--	"	--	1,730	"	"	"	--	10		60			yes		1391
60	60	20	8	"	"	"	--	"	--	240	"	"	"	--	10		60			"		1392
59	59	109	49	30	"	"	--	"	--	2,300	"	"	"	--	10		60			"		1393
60	60	27	27	none	"	"	--	"	--	1,190	"	"	"	--	10		60			"		1394
60	60	32	32	"	"	"	--	"	--	1,250	"	"	"	--	10		60			"		1395
60	60	25	17	"	"	"	--	"	--	410	"	"	"	--	10		60			"		1396
60	60	94	52	"	red.	"	10	"	--	1,775	"	"	"	--	10		60			"		1397
60	48	125	80	"	"	"	10	"	--	3,410	"	"	"	--	8		60			"		1398
60	60	70	35	20	no	"	"	"	--	3,030	"	"	"	--	10		60			"		1399
60	60	17	17	none	red.	"	10	"	--	740	"	"	"	--	10		60			"		1400
60	48	100	45	"	"	"	10	"	--		"	"	"	--	8		60			no		1401
60	60	113	56	57	"	"	10	"	--	8,475	"	"	"	--	10		60			yes		1402
60	60	130	65	none	"	"	5	"	--	1,730	"	"	"	--	10		60			"		1403
--	--	80							--					--								1404

Inspection book No. 36.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1929	July 14	Curtis & Son	Charlotte	Furniture	r'ng	full
1929	" 15	Grand Trunk Car Shops	Fort Graham	Cars	idle	"
1929	" 15	Michigan Sulphate Fiber Co.	Fort Huron	Fiber	r'ng	full
1929	" 15	Jecky Ship Building Co.	"	Boats	"	"
1929	" 15	Pt Huron Engine and Thresher Co.	"	Engines and threshers	"	"
1929	" 15	Thomson Bros.	St. Clair	Shirts	idle	"
1929	" 15	Domestic Crystal Salt Co.	"	"	r'ng	full
1929	" 15	J. F. Weaver	"	Dressed lumber	"	"
1929	" 15	M. M. Campbell	Port Huron	Sash, doors and blinds	"	"
1929	" 15	Pearce Iron Works	"	Machinery	"	"
1929	" 16	Times Office	"	Printed matter	"	"
1929	" 16	Riverside Printing Co.	"	" etc.	"	"
1929	" 16	Chambers & Munford	"	Cigars	"	"
1929	" 16	Baron Rapids Wooden Mills	Baron Rapids	Wooden goods	"	"
1929	" 16	T. M. Sauer	"	Flour	"	"
1929	Aug. 2	Electric Oil Shave Co.	Howar	Oil shaves	"	"
1929	" 2	The Lenoir Knit Goods Co.	Oshtemo	Knit goods	"	"
1929	" 2	The Three Rivers Paper Co.	Three Rivers	Paper	idle	"
1929	" 2	The Standard Car Co.	"	Cars	r'ng	full
1929	" 2	Roberts, Tracy & Co.	"	Thrashers and machinery	"	"
1929	" 6	Whitmore Air Purifier Co.	"	Purifiers	"	"
1929	" 6	The Linton Ice Pad Co.	"	Ice pads	"	"
1929	" 6	L. J. Kanne	"	Bushings	"	"
1929	" 6	Syme & Tordley	Waterford	Paper	idle	"
1929	" 6	Cum Company Carriage Co.	Kalamazoo	Carriages	r'ng	full
1929	Sept. 2	Charlotte Manufacturing Co.	Charlotte	Furniture	"	"
1929	" 4	Calver & Sons	"	Carriages	idle	"
1929	" 4	Sam. Bennett Furniture Co.	"	Furniture	r'ng	full
1929	" 21	Saker, Shattuck & Co.	Adrian	Canned goods	"	"
1929	" 21	L. Lamb	"	"	"	"
1929	" 21	Adrian Packing Co.	"	"	"	"
1929	" 21	Lansing Preserving Co.	"	"	"	"
1929	" 24	Plattsburgh Church Farm Mfg. Co.	Plattsburgh	Church furniture	"	"
1929	" 24	Michigan Paper Co.	"	Paper	"	"
1929	" 24	Kalamazoo Paper and Overalls Co.	Kalamazoo	Pants and overalls	"	"
1929	" 27	E. Simpson & Sons	Lansing	Shoes and men's apparel	"	"
1929	" 27	Grand Lodge Sewer Pipe Co.	Grand Lodge	Sewer pipes and tile	"	"
1929	" 27	Grand Lodge Lumber Co.	"	Lumber	"	"
1929	" 27	Wood Saw	"	Sash, doors and blinds	"	part
1929	" 27	Michigan Canned Milk Co.	Kalamazoo	Canned milk	"	full
1929	" 28	South Lyons Manufacturing Co.	South Lyons	Cashiers, etc.	"	"
1929	" 28	Proctor Knitting Works Co.	Proctor	Knit goods	"	"
1929	" 28	Proctor Knitting Co.	"	Engines	"	"
1929	" 28	E. F. Carter	"	"	"	"
1929	" 28	E. J. Street & Co.	"	"	"	"
1929	" 28	W. F. Stewart & Co.	"	Paper hedges	"	"
1929	" 28	Lapeer Shingle Co.	Lapeer	Shingles	"	"

District No. 2.

Geo. E. Gunn, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
Males.	Females.										Males.	Females.									
60 60	85	60	none	---	---	---	no	---	\$2,500	no	none	none	no	10	no	60	no	no	yes	yes	1849
* *	360	65	none	red.	10	no	---	---	2,500	no	none	none	---	10	no	60	no	no	yes	yes	1850
60 60	50	25	"	---	---	---	---	---	1,500	---	---	---	---	10	---	60	---	---	---	---	1851
60 60	175	85	"	---	---	---	---	---	2,800	---	---	---	---	10	---	60	---	---	---	---	1852
* *	65	31	10	red.	10	no	---	---	964	no	none	none	---	12	no	60	no	no	yes	---	1853
60 60	41	5	none	no	10	no	---	---	160	---	---	---	---	10	---	60	---	---	---	---	1854
60 75	22	22	"	red.	10	inc.	10	---	800	---	---	---	---	10	---	60	---	---	---	---	1855
60 60	75	25	"	---	10	no	---	---	800	---	---	---	---	10	---	60	---	---	---	---	1856
60 60	20	15	3	no	---	---	---	---	600	---	---	---	no	10	---	60	---	---	---	---	1857
60 60	20	18	none	---	---	---	---	---	540	---	---	---	---	10	---	60	---	---	---	---	1858
48 48	25	15	"	---	---	---	---	---	640	---	---	---	---	8	---	60	---	---	---	---	1859
60 60	10	10	"	---	---	---	---	---	220	---	---	---	---	10	---	60	---	---	yes	---	1860
60 60	25	15	"	---	---	---	---	---	---	---	---	---	---	10	---	60	---	---	---	---	1861
60 60	60	60	"	---	---	---	---	---	2,400	---	---	---	---	10	---	60	---	---	---	---	1862
60 60	90	45	50	---	---	---	---	---	2,425	---	---	---	---	10	---	60	---	---	---	---	1863
60 60	50	170	none	red.	10	no	---	---	6,000	no	none	none	---	10	no	60	no	no	yes	yes	1864
60 60	100	25	"	no	---	---	---	---	900	---	---	---	---	10	---	60	---	no	yes	---	1865
60 60	17	12	"	---	---	---	---	---	448	---	---	---	---	10	---	60	---	---	---	---	1866
60 60	42	21	12	---	---	---	---	---	1,000	---	---	---	---	10	---	60	---	---	no	---	1867
60 60	30	15	1	---	---	---	---	---	600	---	---	---	---	10	---	60	---	---	yes	---	1868
60 60	100	30	none	no	---	no	---	---	1,100	no	none	none	---	10	no	60	no	no	no	yes	1869
60 60	80	65	"	red.	10	---	---	---	2,000	---	---	---	---	10	---	60	---	---	yes	---	1870
60 60	93	50	none	red.	10	inc.	10	---	1,416	no	none	none	---	10	no	60	no	no	yes	yes	1871
60 60	100	40	60	no	---	no	---	---	800	2	6	---	no	10	---	60	---	---	---	---	1872
60 60	85	30	40	---	---	---	---	---	---	1	2	1	---	10	---	60	---	---	---	---	1873
60 60	150	50	100	---	---	---	---	---	800	1	5	none	---	10	---	60	---	---	---	---	1874
60 60	125	40	60	---	---	---	---	---	---	no	2	---	---	10	---	60	---	---	---	---	1875
60 60	40	40	none	---	---	---	---	---	1,100	---	none	---	---	10	---	60	---	---	no	---	1876
* *	34	34	"	---	---	---	---	---	1,520	---	---	---	---	10	---	60	---	---	---	---	1877
60 60	75	10	50	red.	5	---	---	---	1,400	---	---	---	---	10	---	60	---	---	yes	---	1878
60 60	430	430	none	---	8	---	---	---	15,706	---	3	---	---	10	---	60	---	---	no	---	1879
60 60	50	50	"	no	---	---	---	---	1,400	---	none	---	---	10	---	60	---	---	yes	---	1880
60 60	70	70	"	red.	10	---	---	---	2,400	---	---	---	---	10	---	60	---	---	---	---	1881
60 30	5	2	"	---	---	---	---	---	48	---	---	---	---	10	---	60	---	---	---	---	1882
60 60	75	40	20	---	---	---	---	---	1,700	---	---	---	---	10	---	60	---	---	---	---	1883
60 60	50	25	none	red.	15	---	---	---	700	---	---	---	---	10	---	60	---	---	no	---	1884
60 60	225	50	52	---	10	---	---	---	2,500	---	---	---	---	10	---	60	yes	---	---	---	1885
60 60	60	20	none	---	---	---	---	---	740	---	---	---	---	10	---	60	no	---	---	---	1886
60 60	80	45	"	no	---	---	---	---	1,440	1	1	---	no	10	---	60	---	---	---	---	1887
60 60	50	38	"	---	---	---	---	---	1,156	no	none	---	---	10	---	60	---	---	---	---	1888
60 60	65	65	"	---	---	---	---	---	2,200	---	---	---	---	10	---	60	---	---	no	---	1889
60 60	10	6	"	---	---	---	---	---	240	---	---	---	---	10	---	60	---	---	yes	---	1890

* 144 hours, runs night and day.

Inspection book No. 37.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1696	Apr. 18	D. & G. Lacey	Niles	Lumber, etc.	r'ng	full
1697	" 19	Round Oak Stove Works	Dowagiac	Stoves	"	"
1698	" 19	Dowagiac Chair Co.	"	Chairs	"	"
1699	" 19	Fred Hedrick	"	Lumber	idle	"
1700	" 19	Dowagiac Manufacturing Co.	"	Grain drills	r'ng	full
1701	" 20	D. W. Powell	Lawton	Lumber	"	"
1702	" 20	Lawton Manufacturing Co.	"	Boxes	idle	"
1703	" 23	Henderson Ames Co.	Kalamazoo	Military supplies	r'ng	full
1704	" 23	Kalamazoo R. R. Velocipede Co.	"	R. R. velocipedes	"	"
1705	" 23	Featherbone Corset Co.	"	Corsets	"	"
1706	" 23	Ihling Bros. & Everard	"	Blank books	"	"
1707	" 24	American Playing Card Co.	"	Playing cards	"	"
1708	" 24	Humphrey Manufacturing Co.	"	Machinery	"	"
1709	" 24	Strait Manufacturing Co.	"	Brass valves	"	"
1710	" 24	Kalamazoo Spring and Axle Co.	"	Springs and axles	"	"
1711	" 25	S. Solomon & Co.	"	Pants and overalls	"	"
1712	" 25	Dewing & Sons	"	Sash, doors and blinds	idle	"
1713	" 25	Michigan Buggy Co.	"	Buggies	r'ng	full
1714	" 25	Merrill & Wagner	"	"	"	"
1715	" 26	Globe Casket Manufacturing Co.	"	Caskets	"	"
1716	" 26	Phelps & Bigelow Windmill Co.	"	Windmills	"	"
1717	" 26	Michigan Buggy Co.	"	Buggy boxes	"	"
1718	" 27	Botsford Paper Mill Co.	"	Paper	"	"
1719	" 27	Williams Manufacturing Co.	"	Windmills and tanks	"	"
1720	" 27	Newton Carriage Co.	"	Carriages	"	"
1721	" 27	Kalamazoo Wagon Co.	"	Road wagons	"	part
1722	" 27	Casket Co.	"	Caskets	"	full
1723	" 27	Standard Wheel Co.	"	Wheels	"	"
1724	" 28	American Washboard Co.	"	Washboards	"	"
1725	" 28	St. John Plow Co.	"	Plows	"	part
1726	" 30	Lawrence & Chapin Co.	"	Machinery	"	"
1727	" 30	Clark & Dutton	"	"	"	full
1728	" 30	Cornell & Co.	"	Buggies	"	"
1729	" 30	Wm. E. Hill & Co.	"	Machinery	"	part
1730	" 30	American Cart Co.	"	Buggies	"	full
1731	" 30	Thos. Clarage & Sons	"	Machinery	"	"
1732	May 1	North & Coon	"	Sash and blinds	"	"
1733	" 1	Lull, Skinner & Co.	"	Buggies	"	"
1734	" 1	The C. H. Dutton Co.	"	Boilers	"	"
1735	" 1	Upjohn Pill and Granule Co.	"	Medicine	"	"
1736	" 1	National Cigar Co.	"	Cigars	"	"
1737	" 2	Burrell & Son	"	Wagons	"	"
1738	" 2	Benj. Cleenewerck	"	Cigars	"	"
1739	" 2	L. Cahill & Co.	"	Sulky plows	"	part
1740	" 2	Wilson Foundry and Forge Co.	"	Castings	"	full
1741	" 3	Kalamazoo Telegraph	"	Printed matter	"	"
1742	" 3	Gazette	"	"	"	"
1743	" 4	D. C. & H. C. Reed	"	Spring-tooth harrows	idle	"

SECOND ANNUAL REPORT.

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District No. 2.

Geo. E. Gunn, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.	Males.	Females.							Males.	Females.									
60 60	30	17	none	no	no	no	no	no	no	\$400	no	none	none	no	10	no	60	no	no	yes	yes	1696
60 60	300	17	no	no	no	no	no	no	no	350	no	no	no	no	10	no	60	no	no	yes	yes	1697
60 60	30	12	no	no	no	no	no	no	no	350	no	no	no	no	10	no	60	no	no	yes	yes	1698
60 60	15	25	none	no	no	no	no	no	no	1,200	no	none	none	no	10	no	60	no	no	yes	yes	1699
60 60	250	25	none	no	no	no	no	no	no	1,200	no	none	none	no	10	no	60	no	no	yes	yes	1700
60 60	8	8	no	no	no	no	no	no	no	200	no	no	no	no	10	no	60	no	no	yes	yes	1701
60 60	25	8	no	no	no	no	no	no	no	200	no	no	no	no	10	no	60	no	no	yes	yes	1702
60 60	300	45	100	no	no	no	no	no	no	4,544	no	none	none	no	10	no	60	yes	no	yes	yes	1703
60 60	60	30	none	red.	no	10	no	no	no	850	no	no	no	no	10	no	60	no	no	yes	yes	1704
60 60	140	40	100	red.	no	10	no	no	no	2,554	no	no	no	no	10	no	60	no	no	yes	yes	1705
60 60	65	30	80	no	no	no	no	no	no	1,700	no	no	no	no	10	no	60	no	no	yes	yes	1706
60 60	130	21	70	red.	no	5	no	no	no	700	no	no	no	no	10	yes	60	yes	no	yes	yes	1707
60 60	40	18	none	no	no	no	no	no	no	600	no	no	no	no	10	no	60	no	no	yes	yes	1708
60 60	25	13	no	red.	no	10	no	no	no	1,300	5	8	no	no	10	no	60	no	no	yes	yes	1709
60 60	120	40	no	red.	no	10	no	no	no	1,300	5	8	no	no	10	no	60	no	no	yes	yes	1710
60 60	60	10	30	no	no	no	no	no	no	1,500	no	none	none	no	10	no	60	no	no	yes	yes	1711
60 60	180	10	no	no	no	no	no	no	no	1,500	no	none	none	no	10	no	60	no	no	yes	yes	1712
60 60	325	250	none	red.	no	20	no	no	no	9,500	no	none	none	no	10	no	60	no	no	yes	yes	1713
60 60	40	10	no	no	no	10	no	no	no	400	no	no	no	no	10	no	60	no	no	yes	yes	1714
60 60	120	110	10	no	no	no	no	no	no	4,000	no	no	no	no	10	no	60	no	no	yes	yes	1715
60 60	25	25	none	red.	no	7	no	no	no	860	no	no	no	no	10	no	60	no	no	yes	yes	1716
60 60	85	60	25	red.	no	10	no	no	no	2,600	no	no	no	no	10	no	60	no	no	yes	yes	1717
60 60	17	12	none	no	no	no	no	no	no	624	no	no	no	no	10	no	60	no	no	yes	yes	1718
60 60	30	12	no	no	no	no	no	no	no	500	no	no	no	no	10	no	60	no	no	yes	yes	1719
60 60	125	75	no	no	no	no	no	no	no	4,000	no	no	no	no	8	no	60	no	no	yes	yes	1721
60 60	40	98	no	no	no	no	no	no	no	950	no	no	no	no	10	no	60	no	no	yes	yes	1722
60 60	225	225	red.	no	15	no	no	no	no	5,600	no	no	no	no	11	no	60	no	no	yes	yes	1723
60 60	90	50	no	no	no	no	no	no	no	1,800	2	6	no	yes	10	no	60	no	no	yes	yes	1724
60 54	45	35	red.	no	10	no	no	no	no	1,400	no	none	no	no	9	no	60	no	no	yes	yes	1725
60 54	100	25	no	no	10	no	no	no	no	1,000	no	no	no	no	9	no	60	no	no	yes	yes	1726
60 60	45	40	no	no	no	no	no	no	no	1,600	no	no	no	no	10	no	60	no	no	yes	yes	1727
60 60	20	7	no	no	no	no	no	no	no	240	no	no	no	no	10	no	60	no	no	yes	yes	1728
60 48	45	30	red.	no	10	no	no	no	no	1,000	no	no	no	no	8	no	60	no	no	yes	yes	1729
60 60	50	50	no	no	10	no	no	no	no	1,720	no	no	no	no	10	no	60	no	no	yes	yes	1730
60 60	50	30	no	no	no	no	no	no	no	1,400	no	no	no	no	10	no	60	no	no	yes	yes	1731
60 60	40	29	no	no	no	no	no	no	no	1,200	no	no	no	no	10	no	60	no	no	yes	yes	1732
60 60	100	75	no	no	no	no	no	no	no	2,400	no	no	no	no	10	no	60	no	no	yes	yes	1733
60 60	35	35	red.	no	10	no	no	no	no	1,200	no	no	no	no	10	no	60	no	no	yes	yes	1734
60 60	35	35	no	no	no	no	no	no	no	1,200	no	no	no	no	10	no	60	no	no	yes	yes	1735
48 48	9	9	no	no	no	no	no	no	no	300	no	no	no	no	8	no	60	yes	no	yes	yes	1736
60 60	35	18	no	no	no	no	no	no	no	600	no	no	no	no	10	no	60	no	no	yes	yes	1737
48 48	7	7	no	no	no	no	no	no	no	180	no	no	no	no	8	no	60	no	no	yes	yes	1738
60 48	20	15	no	no	no	no	no	no	no	750	no	no	no	no	8	no	60	no	no	yes	yes	1739
60 60	10	10	no	no	no	no	no	no	no	440	no	no	no	no	10	no	60	no	no	yes	yes	1740
54 54	24	24	no	no	no	no	no	no	no	1,292	no	no	no	no	9	no	60	no	no	yes	yes	1741
54 54	16	16	no	no	no	no	no	no	no	676	no	no	no	no	9	no	60	no	no	yes	yes	1742
60	50	red.	10	no	no	no	no	no	no								60	no	no	yes	yes	1743

Inspection Book No. 39.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1794	Sept. 21	C. Tuttle & Son	Lapeer	Dressed lumber	run	full
1795	" 28	N. B. Brown	Nashville	Dried apples	"	"
1796	" 28	Chas. Rayner	Mason	Carriages and cutters	"	"
1797	Oct. 2	John Potter	Pottersville	Hand sleds and rakes	"	"
1798	" 2	G. N. Potter	"	Dried apples	"	"
1799	" 4	Marshall Wagon & Windmill Co.	Marshall	Wagons and windmills	"	"
1800	" 22	Johnson & Sisson	South Haven	Cider	"	"
1801	" 34	J. B. Groves & Co.	Benton Har.	Dressed lumber	"	"
1802	" 25	Bunn & Hayden	Cassopolis	Lumber	"	part
1803	" 25	The Adjust. School Seat Mfg. Co.	Marcellus	School seats	"	full
1804	" 26	C. L. Higgins	Bellevue	Lumber	"	"
1805	" 30	Lyons & Co.	Lansing	Window fixtures	"	"
1806	Nov. 13	Anderson Manufacturing Co.	Port Huron	Cutters and buggies	"	part
1807	" 13	Marine City Stave Co.	Marine City	Staves and salt	"	full
1808	" 23	Leonard Van Praagh	Battle Creek	Cigars	"	"

District No. 2.

Geo. E. Gunn, Deputy Inspector.

	Hours per week, running full time.		Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
	60	80		Males.	Females.							Males.	Females.									
60 60	10	10		10		no	--	no	--	\$900	no				10		60	no	no	yes	yes	1794
60 60	80	10		80	30	"	--	"	--	900	"				10		60	"	"	"	"	1795
60 60	40	25		25		"	--	red.	10	912	"				10	no	60	"	"	"	"	1796
60 60	30	23		23		"	--	no	--	675	"				10		60	"	"	no	"	1797
60 60	80	10		10	20	"	--	"	--	675	"				10	no	60	"	"	yes	"	1798
60 60	15	9		9			--	"	--	360	"				10	"	60	"	"	no	"	1799
60 60	15	15		15		no	--	"	--	495	"				10	"	60	"	"	yes	"	1800
60 60	20	10		10		red.	10	red.	10	360	"				10	"	60	"	"	no	"	1801
60 54	20	17		17		no	--	no	--	675	"				9		60	"	"	yes	"	1802
60 60	16	13		13		"	--	"	--	462	"				10	"	60	"	"	no	"	1803
60 60	6	6		6		"	--	"	--	207	"				10		60	"	"	"	"	1804
60 60	7	7		7		"	--	"	--	360	"				10		60	"	"	yes	"	1805
60 51	65	30		30			--	"	--	1,350	"				10		60	yes	"	"	"	1806
60 60	99	99		99		red.	10	"	--	3,825	"				10		60	"	"	"	"	1807
48 48	12	3		3		no	--	no	--	120	"				8		60	no	"	"	"	1808

Inspection book No. 11.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
484	Apr. 3	Evening Press Co.	Grand Rapids	Printed matter	running	full
485	" 3	Stanton Printing Co.	"	"	"	part
486	" 3	Reed Engraving Co.	"	Engravings	"	"
487	" 3	Post Publishing Co.	"	Printed matter	"	full
488	" 4	Kinsey Bros.	"	Shirts, collars and cuffs ..	"	"
489	" 4	Rindge, Kalmbach & Co.	"	Boots and shoes	"	part
490	" 4	F. J. Sokup & Co.	"	Cornice works	"	"
491	" 4	Fisch Bros.	"	Cigar boxes	"	full
492	" 4	G. R. Paper Box	"	Paper boxes	"	"
493	" 4	Mich. Iron Works	"	Machinery	"	part
494	" 5	W. C. Hopsen	"	Galvanized iron, etc.	"	"
495	" 5	Electric Carpet Cleaning Works ..	"	Carpets cleaned	"	full
496	" 5	Herald Publishing Co.	"	Printed matter	"	"
497	" 5	Valley City Engraving Co.	"	Engravings, etc.	"	"
498	" 5	Palmer Shirt Co.	"	Shirts, collars and cuffs ..	"	"
499	" 5	Practical Farmer Co.	"	Printed matter	"	"
500	" 6	Studley & Barclay	"	Belting and bicycle rep's ..	"	"
501	" 6	Foster, Stevens & Co.	"	Tin, etc.	"	"
502	" 6	Spring & Co.	"	Dresses, etc.	"	"
503	" 6	Frankla, Jamieson & Co.	"	Millinery	"	"
504	" 6	J. H. Roberts & Son	"	Candies, etc.	"	"
505	" 6	Houseman, Dounally & Jones ..	"	Clothing	"	"
506	" 6	Edward Struensee	"	Saddles	"	"
507	" 7	F. Siegel & Bro.	"	Millinery	"	"
508	" 7	Mrs. Lizzie Delmage	"	Dresses	"	"
509	" 7	J. P. Platte	"	Umbrellas and parasols ..	"	"
510	" 7	J. Chilver & Co.	"	Book binding	"	"
511	" 7	Dean Printing Co.	"	Job printing	"	"
512	" 7	Telephone Exchange	"	Electricity	"	"
513	" 9	A. Hanish	"	Saddles	"	"
514	" 9	Leonard Benjamin	"	Clothing	"	"
515	" 9	Hazeltine & Perkins Drug Co.	"	Drugs	"	"
516	" 9	A. E. Brooks & Co.	"	Candies	"	part
517	" 9	Miss E. E. Carveth	"	Dresses	"	full
518	" 9	Miss I. D. Hartness	"	"	"	"
519	" 9	Mrs. E. M. Davison	"	"	"	"
520	" 9	Vander Veen & Witman	"	Tinware and plumbing ..	"	"
521	" 10	Adams & Co.	"	Millinery	"	"
522	" 10	Morris H. Trausch	"	Cigars	"	"
523	" 10	Miss Florence Teal	"	Dresses	"	"
524	" 10	Mrs. F. L. Yale	"	"	"	"
525	" 10	Mrs. Marion C. Hall	"	"	"	part
526	" 10	Chas. Hoffman	"	Bread and cakes	"	full
527	" 10	J. H. Pennell	"	Millinery	"	"
528	" 11	Morse & Co.	"	"	"	"
529	" 11	G. B. Corset Co.	"	Corsets	"	"
530	" 11	Mrs. Carrie Peters	"	Dresses	"	"
531	" 11	F. C. Steglich	"	Jewelry	"	"
532	" 11	Mrs. Nellie Buckley	"	Millinery	"	"

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
Males.	Females.										Males.	Females.									
54 54	55	51	4	inc.	10	no			\$2,500	no	none	none		9	no	60	yes	no	yes	yes	484
59 54	25	17	none	no					1,000					10		60					485
54 45	8	3	3	red.	10				100					9		60					486
60 60	9	none	9	no					400					10		60	no		yes		487
60 60	25	3	22						600					10		60	yes				488
60 48	78	62	14						2,500		2		no	10		60					489
60 30	18	12	none						700		none			10		60					490
60 60	10	4	10						250					10		60			yes		491
60 60	85	13	22						650					10		60					492
60 48	50	20	none			red.	10		950					10		50					493
60 48	12	9				no			337					10		60					494
60 60	4	2	2						75					10		60			yes		495
54 54	47	43	4						2,600					9		45					496
55 55	20	20	none						1,200					10		no					497
60 60	27	2	25	red.	5				500					10		60	yes			no	498
60 60	4	4	none	no					100					10		60				yes	499
60 60	6	5		red.	10				250					10		60					500
59 59	6	6			10				362					10		60					501
55 55	17	none	17	no					400					9½		60					502
55 55	20	15							850					9		60					503
60 60	5	2	3						104					10		60					504
60 60	150	50	50						2,600					10		60					505
60 60	8	7	none						280					10		60					506
54 54	15	none	9						300					9	no	60					507
60 60	10	5	5						100					10		60					508
60 60	9	2	3	inc.	10				180					10		60					509
60 60	30	9	18	no					780					9		60			yes		510
59 59	35	24	1						920		1		yes	10		60					511
54 54	59	14	45	inc.					1,800	none				9		60					512
60 60	8	5	none	no					800					10		60					513
60 60	17	7	6						450					10		60					514
60 60	2	2	none	inc.	9				116		1		no	10		60					515
60 54	20	7	5	no					275	none				10		50			yes		516
60 60	6	none	2						24					10		60					517
54 54	12	3	3						60					9		60					518
55 55	4		3	red.	5				50					9		60					519
60 60	6	6	none	no					228					10		60			yes		520
52 52	15	none	5						104		1		no	10		60					521
48 48	10	8	2						520		none			8		60					522
60 60	30	none	30						500					10		60					523
60 60	13		6						108					10		60					524
60 54	4		3						25					9		60					525
60 60	4	4	none						150					10		60			yes		526
60 60	25	2	23						500		2		no	10		60				no	527
55 55	9	none	9						225		none		9½			60				yes	528
60 60	53	3	50	red.	15				750		1		no	10		50			yes		529
60 60	2	none	2		10				50					10		60					530
60 60	3	3	none	no					108		none			10		60				no	531
60 60	6	none	6						165					10		60			yes		532

Inspection book No. 12.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
533	Apr. 11	Miss R. H. Brennen.....	Grand Rapids	Millinery.....	r'ng	full
534	" 13	Miss Zella Field.....	"	Dresses.....	"	"
535	" 13	Rookus Printing House.....	"	Printed matter.....	"	"
536	" 13	Ellis & Wilcox.....	"	Bound books.....	"	"
537	" 13	Grand Rapids Shirt Co.....	"	Shirts, collars and cuffs.....	"	"
538	" 13	Vandenberg Mfg. Co.....	"	Harnessee.....	"	"
539	" 13	William Miller.....	"	Furnaces, etc.....	"	"
540	" 13	Charles Dawson.....	"	Carriages.....	"	"
541	" 13	Henson & Johnson.....	"	Printed matter.....	"	"
542	" 14	Eureka Laundry.....	"	Laundry work.....	"	"
543	" 14	J. W. York & Son.....	"	Musical instruments.....	"	"
544	" 14	U. G. Clark.....	"	Printed matter.....	"	"
545	" 14	K. Dykema & Bro.....	"	Feed.....	"	"
546	" 14	Putnam Candy Co.....	"	Candies.....	"	part
547	" 14	C. Bakker.....	"	Clothe.....	"	full
548	" 16	The Tradesman Co.....	"	Newspapers, etc.....	"	"
549	" 16	Grand Rapids Refrigerator Co.....	"	Refrigerators.....	"	"
550	" 16	Grand Rapids Paint and Color Co.....	"	Paint.....	"	"
551	" 16	Wm. A. Berkey Furniture Co.....	"	Furniture.....	"	part
552	" 16	A. Hurth & Son.....	"	Cut stone.....	"	"
553	" 17	Mrs. L. S. McColl.....	"	Dresses.....	"	full
554	" 17	Mrs. A. M. Kline.....	"	".....	"	"
555	" 17	Mrs. M. J. Bailey.....	"	".....	"	"
556	" 17	Mrs. A. Shafer.....	"	".....	"	"
557	" 17	Jennings & Smith.....	"	Flavoring extracts.....	"	"
558	" 17	Wilcox Heat and Light Co.....	"	Oil stoves.....	"	"
559	" 18	Madame Irish.....	"	Millinery.....	"	"
560	" 18	Miss M. Colborn.....	"	Hair goods.....	"	"
561	" 18	Miss Clara Wadsworth.....	"	Dresses.....	"	"
562	" 18	Prangnell & Carpenter.....	"	".....	"	"
563	" 18	J. F. LeClear.....	"	Photographs.....	"	"
564	" 18	Cool, Knott & Co.....	"	Millinery.....	"	"
565	" 18	A. J. Brown & Co.....	"	Seeds.....	idle	"
566	" 19	E. J. Herrick.....	"	Confectionery.....	r'ng	full
567	" 19	Mrs. E. Dewey.....	"	Dresses.....	"	"
568	" 20	Mrs. L. Telford.....	"	".....	"	"
569	" 20	Thompson & Hunt.....	"	Plumbing material.....	"	part
570	" 20	John Cummings.....	"	Carriages and repairs.....	"	full
571	" 20	L. E. Patten.....	"	Baker's goods.....	"	part
572	" 20	Grand Rapids Cloth Casket Co.....	"	Cloth caskets.....	"	full
573	" 20	Mrs. Sarah Hawkins.....	"	Dresses.....	"	part
574	" 20	James McGregor.....	"	Dying and cleaning.....	"	full
575	" 20	G. Zwingeberg.....	"	Fur goods.....	"	"
576	" 21	Cincinnati Dye House.....	"	Dying and cleaning.....	"	"
577	" 21	Mrs. Emma Payson.....	"	Dresses.....	"	"
578	" 21	J. C. Herkner Jewelry Co.....	"	Jewelry.....	"	"
579	" 21	Gardner & Baxter.....	"	Laundry w'k & shirt mfg.....	"	"

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hentz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Number employees at present.	Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.								Males.	Females.									
54 54	8	none	8	no		no			\$210	no	none	none		9		60	yes	no	yes	yes	533
55 55	9	"	"	"		"			100	"	"	"		9 1/2		60	"	"	"	"	534
59 59	13	11	2	"		"			875	"	1	"	yes	10	no	60	"	"	"	"	535
59 59	5	none	"	"		"			50	"	none	"		10		60	"	"	"	"	536
60 60	33	3	27	"		"			600	"	"	3	yes	10	yes	60	"	"	"	"	537
60 60	28	15	none	red.	25	"			360	"	"	none		10		50	"	"	"	"	538
59 59	8	4	"	no		"			212	"	"	"		10		60	"	"	"	"	539
60 60	10	6	"	"		"			325	"	"	"		10		60	"	"	"	"	540
59 59	13	7	"	inc.	10	"			150	"	"	"		10		60	"	"	"	"	541
60 60	7	none	2	red.	30	"			20	"	"	"		10		60	"	"	"	"	542
60 60	12	6	1	no		"			280	"	"	"		10		60	"	"	"	"	543
59 59	6	none	"	"		"			180	"	"	"		10		60	"	"	"	"	544
60 60	5	5	"	"		"			225	"	"	"		10		60	"	"	"	"	545
60 50	100	44	30	"		"			600	"	"	"		10		50	"	"	"	"	546
60 60	10	5	2	"		"			250	"	"	"		10		60	"	"	"	"	547
59 59	28	20	6	"		"			800	"	1	"	no	10	no	60	"	"	"	"	548
60 60	250	200	none	red.	10	"			5,000	"	16	"	yes	10		50	"	"	"	"	549
60 60	5	2	1	no		"			112	"	none	"		10		60	"	"	"	no	550
60 48	175	125	none	red.	10	"			5,000	"	1	"	no	10	no	50	"	"	"	yes	551
60 54	6	3	"	"	7	"			175	"	none	"		10		60	"	"	"	"	552
60 60	6	none	2	no		"			40	"	"	"		10		60	"	"	"	no	553
60 60	4	"	3	"		"			50	"	"	"		10		60	"	"	"	yes	554
60 60	9	"	3	"		"			50	"	"	"		10		60	"	"	"	"	555
60 60	4	"	3	"		"			40	"	"	"		10		60	"	"	"	"	556
60 60	20	15	5	"		"			950	"	1	"	no	10	no	60	"	"	"	"	557
60 60	30	3	none	"		"			*500	"	none	"		10		50	"	"	"	"	558
55 55	14	none	6	"		"			180	"	"	"		9 1/2		60	"	"	"	"	559
55 55	5	"	5	"		"			60	"	"	"		9		60	"	"	"	"	560
54 54	4	"	2	"		"			25	"	"	"		9		60	"	"	"	"	561
55 55	20	"	5	"		"			240	"	"	"		9		60	"	"	"	"	562
60 60	5	3	2	red.	20	"			120	"	"	"		10		60	"	"	"	"	563
58 58	53	24	29	inc.	5	"			1,514	"	"	"		10		60	"	"	"	"	564
60 60	16	10	6	inc.	5	no			500	no	none	none		10		60	yes	no	yes	no	565
60 60	6	none	1	no		"			12	"	"	"		10		60	"	"	"	"	566
60 60	4	"	3	"		"			60	"	"	"		10		60	"	"	"	yes	568
54 48	18	12	none	"		"			480	"	"	"		9		60	"	"	"	"	569
60 60	15	6	1	red.	18	"			175	"	"	"		10		60	"	"	"	no	570
60	8	5	2	no		"			225	"	"	"		10		60	"	"	"	yes	571
60 60	4	4	none	"		"			150	"	"	"		10		60	"	"	"	"	572
60 54	4	none	3	"		"				"	"	"		10		60	"	"	"	"	573
60 60	9	5	2	"		"			200	"	"	"		10		60	"	"	"	"	574
60 60	20	2	2	"		"			160	"	"	"		10		60	"	"	"	"	575
60 60	4	2	2	"		"			80	"	"	"		10		60	"	"	"	"	576
60 60	15	none	5	"		"			100	"	"	"		10		60	"	"	"	yes	577
60 60	11	9	2	"		"			818	"	"	"		10		60	"	"	"	"	578
60 60	70	15	45	"		"			2,000	"	"	"		10		60	"	"	"	"	579

* Expected to make it \$500 June 1.

Inspection book No. 13.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
580	Apr. 23	Mrs. B. Hibbard	Grand Rapids	Hair goods	ring	full
581	" 23	Samuel Sharpsteen	"	Photographs	"	"
582	" 23	H. Schneider Co.	"	Cigars	"	"
583	" 23	John H. Taylor	"	Printed matter	"	"
584	" 23	Wm. T. McKinley	"	Tailoring	"	"
585	" 24	Wm. Robertson	"	Gas fitting, etc.	"	"
586	" 24	Sutton & Murphy	"	Carpentering	"	"
587	" 24	Weatherly & Pulte	"	Gas fitting, etc.	"	part
588	" 24	Grand Rapids Democrat	"	Printed matter	"	full
589	" 24	De Standaard	"	"	"	"
590	" 24	Reynders Printing Co.	"	"	"	"
591	" 24	A. C. Tucker	"	Book binding	"	"
792	" 25	The Workman	"	Printed matter	"	"
593	" 25	The Germania	"	"	"	"
594	" 25	Michigan Artisan	"	"	"	"
595	" 25	D. P. Clark	"	Bicycles repaired	"	"
596	" 25	W. W. Hart	"	Printed matter	"	part
597	" 25	Grand Rapids Cigar Co.	"	Cigars	"	full
598	" 26	Grand Rapids Eagle	"	Printed matter	"	"
599	" 26	Eaton Printing and Binding Co. ..	"	"	"	"
600	" 26	Vrijheids Banier	"	"	"	"
601	" 26	Grand Rapids Engraving Co.	"	Engravings, etc.	"	"
602	" 26	New York Biscuit Co.	"	Crackers	"	part
603	" 26	Excelsior Laundry	"	Laundry work	"	full
604	" 28	David Forbes	"	Stencils and stamps	"	"
605	" 28	Paul Eifert	"	Harnesses and trunks	"	"
606	" 28	J. E. Kenning & Co.	"	Cigars	"	"
607	" 28	J. H. Meyers	"	Harnesses	"	"
608	" 28	Smith & Albee	"	Carriages and wagon rep.	"	"
609	" 28	J. H. Dean	"	Electrical & novelty wor's	"	"
610	" 30	Star Clothing House	"	Clothing	"	"
611	May 1	A. Tusch	"	Cigars	"	"
612	" 1	C. G. Baisch	"	Guns and cutlery	"	"
613	" 1	C. A. Scheufler	"	Tin, copper & sheet iron	"	"
614	" 1	Fred W. Emmer	"	Wagons, carriages, etc.	"	"
615	" 2	West Michigan Printing Co.	"	Printed matter	"	"
616	" 2	Grand Rapids Brewing Co.	"	Lager beer	"	"
617	" 2	Millards Laundry	"	Laundrying	"	"
618	" 2	Fiebig Wagon Co.	"	Wagons and carriages	"	part
619	" 2	Julius Rathman	"	"	"	full
620	" 5	Royal Furniture Co.	"	Furniture	"	"
621	" 5	Berkey & Gay	"	"	"	"
622	" 5	Goshen Sweeper Co.	"	Carpet sweepers	"	part
623	" 11	G. R. Blowpipe & Dust Arrest'g Co.	"	Blowpipes & dust arrest's	"	"
624	" 11	F. Letellier & Co.	"	Sash, doors and blinds	"	full
625	" 11	C. C. Comstock	"	Lumber and shingles	"	"
626	" 11	J. B. Chapman	"	Baskets	"	part
627	" 11	E. H. Stafford Co.	"	Office appliances	"	full
628	" 11	Z. E. Allen	"	Furniture	"	"

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1933?	What per cent?	Have wages been increased or reduced since March 1, 1934?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
54	54	5	none	5	no	--	no	--	\$108	no	none	none	--	9	no	60	yes	no	yes	580	
48	48	2	2	2	"	--	"	--	75	"	"	"	--	10	"	60	"	"	"	"	581
59	59	15	15	4	"	--	"	--	1,100	"	"	"	--	8	"	60	"	"	"	"	582
60	60	3	3	none	"	--	"	--	100	"	"	"	--	10	"	60	"	"	yes	"	583
60	60	7	7	8	"	--	"	--	350	"	"	"	--	10	"	60	"	"	"	"	584
54	54	15	15	none	"	--	"	--	625	"	"	"	--	9	"	60	"	"	"	"	585
54	54	40	15	"	red.	10	inc.	10	800	"	"	"	--	9	"	60	"	"	yes	"	586
54	48	88	48	"	"	10	no	"	1,700	"	"	"	no	9	"	60	"	"	"	"	587
54	54	90	64	3	no	"	"	"	4,500	"	"	"	"	9	"	60	no	"	"	"	588
59	59	5	5	none	inc.	5	"	"	190	"	"	"	--	10	"	60	yes	"	"	"	589
59	59	2	2	"	no	--	"	--	75	"	"	"	--	10	"	60	"	"	yes	"	590
55	55	6	2	1	"	--	"	--	80	"	"	"	--	9 1/2	"	60	"	"	"	"	591
54	54	9	5	2	"	--	"	--	325	"	"	"	--	9	"	60	no	"	yes	"	592
59	59	7	7	none	"	--	"	--	350	"	1	"	no	10	"	60	"	"	"	"	593
59	59	6	5	1	inc.	10	"	--	450	"	none	"	--	10	"	60	yes	"	no	"	594
60	60	2	2	none	"	10	"	--	100	"	"	"	--	10	"	60	"	"	yes	yes	595
59	48	4	4	"	"	15	"	--	150	"	"	"	--	10	"	60	"	"	"	"	596
48	48	4	3	1	no	--	"	--	160	"	"	"	--	8	"	60	no	"	"	"	597
54	54	27	25	2	"	--	"	--	1,800	"	1	1	no	9	"	60	yes	"	yes	"	598
59	59	25	16	1	"	--	"	--	600	"	none	none	--	10	"	60	"	"	"	"	599
36	36	3	3	none	"	--	"	--	100	"	"	"	--	6	"	60	"	"	"	yes	600
54	54	22	16	2	inc.	10	"	--	600	"	"	"	--	9	"	60	"	"	yes	"	601
60	54	60	25	25	no	--	"	--	2,500	"	"	"	--	9	"	45	"	"	yes	"	602
60	60	22	3	12	"	--	"	--	450	"	"	"	--	10	"	60	"	"	"	yes	603
60	60	4	4	none	inc.	33	inc.	--	250	"	"	"	--	10	"	60	"	"	"	"	604
60	60	5	5	"	no	--	no	--	200	"	"	"	--	10	"	60	"	"	"	"	605
48	48	27	7	3	"	--	"	--	500	"	"	"	--	8	"	60	"	"	"	"	606
60	60	7	2	none	"	--	"	--	75	"	"	"	--	10	"	60	"	"	no	"	607
60	60	5	5	"	"	--	"	--	140	"	"	"	--	10	"	60	"	"	"	"	608
60	60	3	1	"	"	--	"	--	100	"	"	"	--	10	"	60	"	yes	"	"	609
60	60	12	6	3	"	--	"	--	275	"	"	"	--	10	"	60	"	"	yes	"	610
48	48	5	4	1	"	--	"	--	200	"	1	"	no	8	"	60	"	"	"	"	611
60	60	2	2	none	"	--	"	--	80	"	none	"	no	10	"	60	"	"	yes	"	612
60	60	4	4	"	"	--	"	--	180	"	"	"	--	10	"	60	"	"	"	"	613
60	60	3	3	"	"	--	"	--	175	"	"	"	--	10	"	60	"	"	"	"	614
59	59	21	14	"	"	--	"	--	450	"	2	"	no	10	"	60	"	"	yes	"	615
60	60	52	52	"	"	--	"	--	2,500	"	none	"	--	10	"	60	"	"	"	"	616
53	53	6	5	4	"	--	"	--	100	"	"	"	--	10	"	60	"	"	"	"	617
60	48	10	5	none	"	--	"	--	250	"	"	"	--	10	"	60	"	"	"	"	618
60	60	4	4	"	"	--	"	--	200	"	"	"	--	10	"	60	"	"	"	"	619
60	60	190	112	"	red.	15	"	--	4,000	"	"	"	--	10	"	50	"	"	yes	"	620
60	60	590	343	2	"	25	"	--	12,000	"	10	"	yes	10	"	60	"	"	"	"	621
60	48	80	40	5	no	--	red.	7	1,477	"	none	"	--	10	"	60	"	"	"	"	622
60	54	25	5	none	"	--	no	--	250	"	"	"	--	10	"	60	"	"	"	"	623
60	60	35	80	"	red.	12	"	--	1,800	"	"	"	--	10	"	60	"	yes	"	"	624
60	60	4	4	"	no	--	"	--	160	"	"	"	--	10	"	60	"	"	"	"	625
60	20	9	6	"	"	--	"	--	125	"	"	"	--	10	"	60	"	"	no	"	626
60	60	9	6	2	inc.	--	"	--	200	"	1	"	yes	10	"	60	"	"	"	"	627
60	60	44	40	none	red.	5	"	--	1,200	2	none	"	--	10	yes	50	no	"	yes	"	628

Inspection book No. 14.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
629	May 12	Order Work Furniture Co.	Grand Rapids	Furniture	running	part
630	" 12	W. S. McCay & Co.	"	Gas engines	"	full
631	" 12	Grand Rapids Machine Works	"	Machinery	"	"
632	" 12	Cycloid Wheel Co.	"	Bicycles	"	"
633	" 12	Union Foundry Co.	"	Castings	"	"
634	" 12	Jos. Rowland	"	Flour and feed	"	part
635	Apr. 30	Mrs. E. Bieneman	"	Millinery	"	full
636	" 30	F. C. Jehle	"	Mens' clothing	"	"
637	May 2	O. Baumeister	"	Carvers and sculptors	"	"
638	" 2	Bodelack & Vanselow	"	Carvers and sculptors	"	"
639	" 2	John Young	"	Buggies and carriages	"	"
640	" 2	Cotton & Decker	"	Carpentering	"	"
641	" 15	Alexander Dodds	"	Woodworking machinery	"	"
642	" 15	E. A. Munson	"	Edge tools	"	"
643	" 15	Valley City Milling Co.	"	Flour and feed	"	"
644	" 15	Globe Mills	"	"	"	"
645	" 15	Model Mills	"	"	idle	"
646	" 15	New England Furniture Co.	"	Furniture	running	full
647	" 16	Star Bakery	"	Baked goods	"	"
648	" 16	H. E. Cooper	"	Confectionery	"	part
649	" 16	Union Bakery	"	Baked goods	"	full
650	" 16	A. Levi	"	Mens' clothing	"	part
651	" 16	Groskopf Bros	"	Trunks, etc.	"	full
652	" 17	Elliott Button Fastener Co.	"	Button fasteners	"	"
653	" 17	Grand Rapids Electrotype Co.	"	Electrotyping	"	"
654	" 17	Grand Rapids Boxwood M'fg Co.	"	Engravers' boxwood	"	"
655	" 17	Grand Rapids Electro Plating Co.	"	Electro-plating	"	"
656	" 17	Adolph Leitelt Iron Works	"	Machinery	"	part
657	" 19	E. J. Hamilton	"	Photographs	"	full
658	" 19	B. W. Fish	"	Novelty trimmings	"	"
659	" 19	Egbert Wonnink	"	Wood turning, etc.	"	"
660	" 19	Champion Cash Register Co.	"	Cash registers	"	"
661	" 19	J. J. Eoke & Co.	"	Fishing rods	"	part
662	" 19	Jas. A. Anderson & Co.	"	Machine wood carving	"	full
663	" 19	Davis & Gorham	"	Printed matter	"	"
664	" 21	E. B. Dikeman	"	Cigars	"	"
665	" 21	Heyman & Co.	"	Show cases, etc.	"	"
666	" 21	Bodenstein Bros	"	Mens' clothing	"	"
667	" 21	Mueller & Slack Co.	"	Upholstering furniture	"	"
668	" 21	Bissell Carpet Sweeper Co.	"	Carpet sweepers	"	"
669	" 22	Butterworth & Lowe	"	Machinery	"	part
670	" 22	Brobet & Himes	"	Boiler and sheet iron work	"	full
671	" 22	Mills & Lacey Manufacturing Co.	"	Embalming fluid	"	"
672	" 22	Nelson Matter & Co.	"	Furniture	"	"
673	" 22	Consolidated Street Railway Co.	"	Power and repairing	"	"
674	" 23	Grand Rapids Lithographing Co.	"	Lithographing	"	"
675	" 23	McCauley Bros.	"	Steam and hot water heat.	"	"

SECOND ANNUAL REPORT.

65

District No. 3.

Louis C. F. Hints, Deputy Inspector.

Hours per week, running full time.		Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1898?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 15 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is seating and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	54	23	10	none	red.	10	no		\$400	no	none	none		10	no	50	yes	no	yes	yes	529
59	59	12	4	"	"	"	"		193	"	"	"		10	"	60	"	"	"	"	530
60	60	4	4	"	"	"	"		210	"	"	"		10	"	60	"	"	"	"	531
60	50	7	7	"	"	"	"		400	"	"	"		10	"	60	"	"	"	"	532
60	60	26	23	"	"	"	"		1,000	"	"	"		10	"	60	"	"	"	yes	533
60	20	2	2	"	"	"	"		40	"	"	"		10	"	60	"	"	"	"	534
54	54	5	none	5	"	"	"		100	"	"	"		9	"	60	"	"	"	"	535
60	60	23	20	3	"	"	"		800	"	"	"		10	"	60	"	yes	"	"	536
60	60	10	5	1	red.	10	"		350	"	"	"		10	"	60	"	"	"	"	537
54	54	9	2	none	"	10	"		225	"	"	"		10	"	60	"	yes	"	"	538
60	60	2	2	"	"	25	"		104	"	"	"		10	"	60	"	"	"	"	539
54	54	8	3	"	no	"	"		125	"	"	"		9	"	60	"	"	"	"	540
60	60	15	8	"	"	"	"		270	"	"	"		10	"	50	"	"	yes	"	541
60	60	12	9	"	red.	9	"		375	"	"	"		10	"	*30	"	"	"	"	542
72	72	35	35	"	no	"	"		2,000	"	"	"		10	"	60	"	"	"	"	543
72	72	6	6	"	"	"	"		†	"	"	"		10	"	60	"	"	"	"	544
60	60	250	200	2	red.	15	no		4,500	no	5	none	no	10	no	50	yes	no	yes	yes	545
60	60	3	2	1	no	"	"		100	"	none	"		10	"	60	"	"	"	"	546
60	40	5	3	1	"	"	"		50	"	"	"		10	"	60	"	"	"	"	547
60	60	6	5	none	"	"	"		257	"	"	"		10	"	60	"	"	"	"	548
60	40	6	2	2	"	"	"		150	"	"	"		10	"	60	"	"	"	"	549
60	61	11	9	none	red.	10	"		341	"	1	"	no	10	"	60	"	"	"	"	550
59	59	50	20	2	"	inc.	10		1,375	"	none	"		10	"	60	"	"	yes	"	551
60	60	5	4	none	inc.	7	no		300	"	"	"		10	"	60	"	"	"	"	552
60	60	3	2	"	no	"	"		115	"	"	"		10	"	60	"	"	"	"	553
59	59	12	3	"	"	"	"		80	"	"	"		10	"	60	"	"	"	"	554
60	48	95	54	"	red.	2	"		1,800	"	"	"		10	"	60	"	"	"	"	555
60	60	8	3	2	no	"	"		209	"	"	"		10	"	60	"	"	"	"	556
60	60	2	2	none	"	"	"		100	"	"	"		10	"	50	"	"	yes	"	557
60	60	12	6	"	red.	10	"		180	"	"	"		10	"	50	"	"	no	"	558
60	60	13	12	1	"	"	"		775	"	"	"		10	"	50	"	"	yes	"	559
60	54	8	3	1	no	red.	10		300	"	"	"		10	"	50	"	"	"	"	560
60	60	8	2	none	"	"	"		153	"	"	"		10	"	60	"	"	"	"	561
59	59	3	2	"	"	"	"		85	"	"	"		10	"	60	"	"	"	"	562
48	48	17	3	"	"	"	"		130	"	"	"		8	"	60	"	"	"	"	563
60	60	15	10	"	"	"	"		840	"	1	"	no	10	"	50	"	"	"	"	564
60	60	27	9	9	"	"	"		970	"	none	"		10	"	60	"	"	"	"	565
60	60	30	34	2	red.	10	"		775	"	"	"		10	"	60	"	"	"	"	566
60	60	34	224	15	no	red.	2		8,500	"	"	"		10	"	50	"	"	yes	"	567
60	48	75	25	none	"	"	10		1,800	"	"	"		10	"	60	"	"	"	"	568
60	60	12	6	"	"	"	"		400	"	"	"		10	"	60	"	"	"	"	569
54	54	7	"	"	"	"	"		600	"	"	"		10	"	60	"	"	"	"	570
60	60	450	222	2	"	"	"		1,500	"	9	"	yes	10	yes	60	"	"	yes	"	571
72	72	45	45	none	red.	10	inc.	10	1,500	"	none	"		10	no	60	"	"	"	"	572
†	†	30	16	4	no	"	"		775	"	"	"		11	"	60	"	"	"	"	573
54	54	15	11	none	"	"	"		550	"	"	"		9	"	60	"	"	"	"	574

† 58½ hours.

* See 642. pay roll for 1901.

† Entries in this column are subject to inspection.

Inspection book No. 15.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
676	May 23	Hirth, Krasse & Co.....	Grand Rapids	Shoe uppers.....	r'ng	full
677	" 23	Paul Hugenholtz.....	"	Printed matter.....	"	part
678	" 24	Con'd St. B'y Car Repair Shop...	"	Repair street cars.....	"	full
679	" 24	Grand Rapids Brick and Tile Co....	"	Brick and tile.....	idle	"
680	" 24	Wilkin G. Coss.....	"	Photographs.....	r'ng	full
681	" 24	Kelley Shirt Co.....	"	Shirts, collars and cuffs.....	"	"
682	" 25	Chas. A. Coyle.....	"	Tents and awnings.....	"	"
683	" 25	Barlow Bros.....	"	Bound books.....	"	part
684	" 25	Loomis & Onderdonk.....	"	Printed matter.....	"	full
685	" 25	F. Rainville.....	"	Belting and fly nets.....	"	"
686	" 25	Grand Rapids Wood Carving Co....	"	Machine wood carvings.....	"	"
687	" 25	Telfer Spice Co.....	"	Spices and bak'g powder.....	"	"
688	" 28	Wallin Leather Co.....	"	Sole leather.....	"	"
689	" 28	Kiefer & Fecht.....	"	Printed matter.....	"	"
690	" 28	Grand Rapids Mfg. and Impl. Co....	"	Agricultural implements.....	"	"
691	" 28	Grand Rapids Wheelbarrow Co....	"	Wheelbarrows.....	idle	"
692	" 29	Grand Rapids Cycle Co.....	"	Bicycles.....	r'ng	full
693	" 29	Stowe & Davis.....	"	Furniture.....	idle	"
694	" 29	Grand Rapids Stave Co.....	"	Staves and heading.....	r'ng	full
695	" 29	" " ".....	"	Barrels.....	"	part
696	" 29	Friction Set Works.....	"	Saw mill machinery.....	"	full
697	" 31	F. Hartmann & Co.....	"	Scales.....	"	part
698	" 31	Henry J. Hartmann.....	"	Iron castings.....	"	"
699	" 31	Idea Novelty Manufacturing Co....	"	Slot machines.....	idle	"
700	" 31	F. C. Miller.....	"	Boxes and lumber.....	r'ng	part
701	" 31	G. R. Electric Light and Power Co.	"	Light and power.....	"	full
702	June 1	Greent City Roller Mills.....	"	Flour, feed, etc.....	"	"
703	" 1	Hetterschied Manufacturing Co....	"	Stands and tables.....	"	"
704	" 1	Grand Rapids Standard Bed Co....	"	Furniture.....	"	"
705	" 1	C. B. Clark.....	"	Step ladders and doors.....	"	part
706	" 1	M. W. Owens.....	"	Photographs.....	"	full
707	" 1	H. B. Feather Co.....	"	Mattresses, etc.....	"	"
708	" 2	Spa Bottling Co.....	"	Soft drinks.....	"	part
709	" 2	Grand Rapids Brush Co.....	"	Brushes.....	"	"
710	" 4	Folding Chair and Table Co.....	"	Dining tables, etc.....	"	full
711	" 4	A. W. Anderson.....	"	Plating works.....	"	"
712	" 4	Powers & Watkins Casket Co....	"	Burial caskets.....	"	"
713	" 4	Valley City File Works.....	"	Files.....	"	"
714	" 4	Frank Edge & Co.....	"	Naws.....	"	"
715	" 4	Wm. H. Powers.....	"	Cleaned carpets.....	"	"
716	" 18	Order Work Furniture Co.....	"	Furniture.....	"	"
717	" 18	Valley City Pattern Works.....	"	Patterns and models.....	"	"
718	" 18	Valley City Desk Co.....	"	Office desks.....	"	part
719	" 18	Benedict Furniture Clamp Co....	"	Furniture clamps.....	"	full
720	" 18	Grand Rapids Hand Screw Co....	"	Hand screws, clamps, etc.....	"	part
721	" 18	J. R. Deuison & Co.....	"	Pattern, models, etc.....	"	full
722	" 19	E. Tannewitz.....	"	General machinery.....	"	part
723	" 19	Grand Rapids Boiler Works.....	"	Boilers and stacks.....	"	full

District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1894?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is seating and betting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	4	2	1	red.	12	no		\$100	no	none	none		10		60	yes	no	yes	yes	876
59	53	5	3	none	no		inc.	10	100		"	"		10		60	"	"	"	"	877
60	60	150	15		red.	10	inc.	10	691		"	"		10		50	"	"	"	"	878
54	54	5	2	1	no		no		175	no	none	none		9		60	yes	no		yes	879
53	53	6	1	5	*				150	"	"	"		9		60	"	"	yes	"	881
60	60	12	7	5	no		no		400	"	"	"		10		60	"	"	"	"	882
60	55	28	14	8	no				880	"	"	"		9½		60	"	"	yes	"	883
59	59	10	9	1	inc.	20	"		400	"	"	"		10		60	"	"	"	"	884
60	60	35	18	2	red.	23	"		700	"	"	"		10		60	"	"	"	"	885
60	60	12	12	none	no		"		450	"	"	"		10		60	"	"	"	"	886
60	60	10	9	1			"		440	"	"	"		10		60	"	"	"	"	887
59	59	35	34	1	red.	10	"		1,190	"	"	"		10		40	"	"	"	"	888
60	60	10	10	none	no		"		315	"	"	"		10		60	"	"	"	"	889
60	60	38	38	"	"		"		1,800	"	"	"		10		50	"	"	yes	"	890
60		30																			891
59	72	80	69	3	red.	10	inc.	10	3,500	no	1	none	no	10	no	60	yes	no	no	yes	892
60	60	65																			893
60	60	50	50	none	red.	10	no		3,200	no	none	none		10		60	yes	no	yes	yes	894
60	40	60	60			10			†					10		60			yes	yes	895
60	60	10	4	"	"	10	"		200	"	"	"		10		60	"	"	yes	"	896
60	35	9	5	"	no		"		230	"	"	"		10		60	"	"	"	"	897
60	30	32	17	"	"		"		500	"	"	"		10		60	"	"	"	"	898
60	6	6																			899
60	42	35	30	none	no		no		1,000	no	none	none		10		60	yes	no	yes	yes	700
72	72	25	25	"	"		"		1,375	"	"	"				60	"	"	"	"	701
72	72	29	28	1	"		"		1,500	"	"	"		10		60	"	"	"	"	702
60	60	6	1	none	"		"		100	"	"	"		10		60	"	"	"	"	703
60	60	35	18	"	red.	10	"		600	"	"	"		10		50	"	"	no	"	704
60	48	13	6	"	no		"		125	"	1	"	no	10	no	60	"	"	yes	"	705
60	60	7	2	"	"		"		100	"	none	"		10		60	"	"	"	"	706
59	59	15	7	7	"		"		400	"	2	"	no	10	no	60	"	"	"	"	707
60	50	6	4	none	red.	15	"		150	"	none	"		10		60	"	"	yes	"	708
60	20	200	42	90	"	15	"		1,600	"	3	17	yes	10	yes	50	"	"	"	"	709
60	60	30	15	none	"	10	"		350	"	1	none	no	10	no	50	"	"	"	"	710
60	60	4	4	"	*				100	"	none	"		10		60	"	"	"	"	711
60	60	57	46	4	red.	10			1,600	"	"	"		10		50	"	"	"	"	712
60	60	3	3	none	no		no		100	"	"	"		10		60	"	"	"	"	713
60	60	3	2	"	"		"		175	"	"	"		10		60	"	"	"	"	714
60	60	7	4	1	"		"		250	"	"	"		10		60	"	"	"	"	715
60	60	22	10	none	red.	10			400	"	"	"		10		80	"	"	"	"	716
60	60	*	2	"						"	"	"		10		60	"	"	"	"	717
60	48	65	65	"	red.	15			1,600	"	3	"	yes	10	no	50	"	"	"	"	718
60	60	4	2	"	no		no		100	"	none	"		10		60	"	"	"	"	719
60	48	22	19	1	"		"		750	"	"	"		10		50	"	"	"	"	720
60	60	5	2	none	"		"		100	"	"	"		10		60	"	"	"	"	721
60	48	10	4	"	"		red.	10	200	"	"	"		10		60	"	"	"	"	722
60	60	12	5	"	"		no		200	"	"	"		10		60	"	"	"	"	723

* New firm.

† See No. 694, pay-roll for both.

District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.	Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.	Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours.	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
60	60	75	40	none	red.	25	no	\$800	no	1	no	10	no	60	yes	no	yes	yes	1405
60	60	83	33	"	"	20	"	800	"	none	"	10	"	60	"	"	"	"	1406
60	54	80	10	"	no	"	"	375	"	"	"	10	"	60	"	"	"	"	1407
60	60	4	3	"	red.	20	"	115	"	"	"	10	"	60	"	"	"	"	1408
60	60	8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1409
60	60	17	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1410
60	60	10	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1411
60	20	9	3	none	"	"	"	"	"	none	none	10	no	60	yes	no	yes	yes	1412
60	60	15	15	"	no	"	"	413	"	"	"	10	"	60	"	"	"	"	1413
60	60	78	55	"	red.	20	"	750	"	4	"	10	"	60	"	"	no	"	1414
60	60	5	3	"	no	"	"	72	"	none	"	10	"	60	"	"	yes	"	1415
60	60	13	17	"	"	"	"	450	"	"	"	10	"	60	"	"	"	"	1416
60	60	7	7	"	red.	10	"	228	"	"	"	10	"	60	"	"	"	"	1417
60	60	60	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1418
60	60	75	25	none	red.	20	no	900	no	none	none	10	no	60	yes	no	no	no	1419
60	60	8	4	"	no	"	"	180	"	"	"	10	"	60	"	"	yes	yes	1420
60	60	4	4	"	"	"	"	140	"	"	"	10	"	60	"	"	"	"	1421
60	54	240	239	1	red.	10	no	9,750	"	"	"	10	"	60	"	"	"	"	1422
60	60	58	48	none	"	"	"	800	"	"	"	10	"	60	"	"	"	"	1423
60	60	200	140	60	no	"	"	4,500	2	12	16	no	10	60	"	"	"	"	1424
60	60	4	3	none	"	"	"	150	no	none	none	10	"	60	"	"	"	"	1425
60	60	4	2	"	"	"	"	"	"	"	"	10	"	60	"	"	"	"	1426
60	60	50	19	"	red.	10	no	400	"	"	"	10	"	60	"	"	no	"	1427
60	60	352	350	2	no	"	"	8,500	"	4	"	no	10	60	"	"	yes	"	1428
60	60	50	15	none	red.	5	"	500	"	none	"	10	"	60	"	"	no	"	1429
60	48	20	6	"	no	"	"	225	"	"	"	10	"	60	"	"	"	"	1430
60	60	10	5	"	"	"	"	180	"	"	"	10	"	60	"	"	"	"	1431
60	60	10	10	"	"	"	"	475	"	2	"	no	10	60	"	"	yes	"	1432
60	60	100	25	"	"	"	"	"	"	2	"	10	"	60	"	"	"	"	1433
72	72	31	31	1	no	no	"	1,000	"	none	"	10	"	60	"	"	"	"	1434
60	40	105	100	none	"	"	"	3,800	1	8	"	no	10	60	"	"	"	"	1435
60	60	13	11	"	"	"	"	250	no	3	"	10	"	60	"	"	no	"	1436
50	50	8	2	6	"	"	"	160	"	none	"	10	"	60	"	"	"	"	1437
60	54	100	55	none	"	red.	10	1,200	2	3	"	yes	10	60	"	"	yes	"	1438
60	60	20	10	"	no	"	"	390	no	none	"	10	"	60	"	"	"	"	1439
48	48	5	5	"	"	"	"	200	"	"	"	8	"	60	"	"	"	"	1440
58	58	4	4	"	"	"	"	125	"	"	"	10	"	60	"	"	"	"	1441
60	60	6	6	"	inc.	10	"	250	"	"	"	10	"	60	"	"	no	"	1442
60	60	6	6	"	no	"	"	125	"	"	"	10	"	60	"	yes	"	"	1443
60	60	6	6	"	"	inc.	10	175	"	"	"	10	"	60	"	no	"	"	1444
60	60	3	3	"	"	no	"	125	"	"	"	10	"	60	"	"	"	"	1445
60	60	24	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1446
60	60	125	88	none	red.	15	red.	2,000	2	8	none	no	10	60	yes	no	yes	yes	1447
60	54	10	7	"	no	"	"	125	no	1	"	10	"	60	"	"	"	"	1448
60	60	65	14	27	inc.	10	"	450	"	none	"	5	yes	60	"	"	"	"	1449
60	60	8	3	3	"	"	"	80	"	"	none	10	"	60	"	"	"	"	1450
48	48	5	4	none	"	"	"	100	"	"	"	8	"	60	"	"	"	"	1451
60	54	48	48	"	red.	10	red.	1,450	"	"	"	10	"	60	"	"	yes	"	1452
60	60	300	75	"	no	"	"	416	"	"	"	10	"	60	"	"	"	"	1453

Inspection book No. 32.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1454	June 14	Dake Engine Manufacturing Co...	Grand Haven	Engines	r'ng	full
1455	" 14	Gillen & Campbell	"	Castings	idle	"
1456	" 14	Grand Haven Manufacturing Co...	"	Wagons, sleighs, etc.	r'ng	full
1457	" 14	Am. Mirror and Glass Bevel'g Co.	"	Mirrors and beveled glass ..	"	part
1458	" 14	Henry Blocker & Co.	"	General machinery	"	"
1459	" 14	Grand Haven Steam Laundry	"	Clothing cleaned	"	full
1460	" 15	Johnston Bros.	Ferrysburg	Boilers	"	"
1461	" 15	Cutler & Savidge Lumber Co.	Spring Lake	Building material	"	part
1462	" 15	Spring Lake Clinker Boat Mfg. Co.	"	Clinker boats	"	full
1463	" 15	Spring Lake Basket Co.	"	Fruit packages	"	"
1464	Aug. 2	L. P. Thomas	Lowell	Bean planters and pullers ..	idle	"
1465	" 2	King Milling Co.	"	Flour and feed	r'ng	full
1466	" 2	Wisner Bros.	"	"	"	"
1467	" 2	Lowell Woolen Mills	"	Carded wool, etc.	idle	"
1468	" 2	Lowell Cutter Co.	"	Cutter and buggy bodies ..	r'ng	full
1469	" 2	G. Kopf	"	General wood work	"	part
1470	" 2	Lowell Planing Mill	"	Interior finish	"	full
1471	" 3	Kisor & Ayers	"	Monuments	"	"
1472	" 3	Lowell Water and Light Co.	"	Electric light	"	"
1473	" 3	Saranac Manufacturing Co.	Saranac	Boat oars	"	"
1474	" 3	Wm. Kelly & Son	"	Lumber, etc.	"	"
1475	" 3	Boston Roller Mills	"	Flour and feed	"	"
1476	" 3	P. Scheidt & Son	"	Wagons, etc.	"	"
1477	" 4	Ionia Furniture Co.	Ionia	Chamber suits	"	"
1478	" 4	Michigan Clothing Co.	"	Men's clothing	"	"
1479	" 4	G. F. Faude	"	Cigars	"	part
1480	" 4	Ionia Sentinel	"	Printed matter	"	full
1481	" 11	L. Heaton	Lake Odessa	Flour and feed	"	"
1482	" 11	A. L. Jones	"	Wood and iron works	"	"
1483	" 11	John Hummel	"	Lumber	idle	"
1484	" 11	Dan'l Stine	"	"	"	"
1485	" 11	Alonzo Heath	"	"	"	"
1486	" 15	C. & W. M. Repair Shops	Muskegon	General wood work	r'ng	full
1487	" 15	D. A. Miner	"	Car repairs	"	part
1488	" 15	John Torrent & Co.	"	Shingles	"	full
				Lumber	"	"
1489	" 15	Bredin, Helder & Co.	"	Dressed lumber, etc.	idle	"
1490	" 15	S. S. Watson & Co.	"	Excelsior, etc.	r'ng	full
1491	" 16	Cheesman & Kelly	"	General wood work	"	"
1492	" 16	Langelaand Manufacturing Co.	"	Dressed lumber, etc.	"	"
1493	" 16	Vanderlaan & Scott	"	Cigars	"	"
1494	" 16	W. R. Jones	"	Lumber	"	"
1495	" 16	Muskegon Milling Co.	"	Flour and feed	"	"
1496	" 17	Munroe Manufacturing Co.	"	Dressed lumber and boxes ..	"	"
1497	" 17	McCracken & Hovey Car Co.	"	Cars	idle	"
1498	" 17	Muskegon Valley Furniture Co.	"	Furniture	r'ng	full
1499	" 17	Sargent Manufacturing Co.	"	Hospital & invalid supp.	"	"
1500	" 17	Muskegon Iron Works	"	Machinery and castings	"	"
1501	" 18	Muskegon Electric Light Co.	"	Electric light and power ..	"	"
1502	" 18	Heap Manufacturing Co.	"	Closet seats and tanks	idle	"

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

	Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed?		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
				Males.	Females.							Males.	Females.									
60	80	12	10	none	red.	12	no			\$370	no	none	none		10	no	60	yes	no	yes	yes	1454
60	60	5																				1455
60	60	10	4	none	no	20	no			72	no	none	none		10	no	60	yes	no	yes	yes	1456
60	40	57	44	"	red.		"			1,300	3	none	3	yes	10	no	80	"	"	"	"	1457
60	54	45	21	"	no		"			800	"	none	"		10	"	60	"	"	"	"	1458
50	50		3	3											10	"	60	"	"	"	"	1459
60	60	60	23	none	no		no			950	"	"	"		10	"	80	"	"	"	"	1460
60	30	15	6	"	"		"			140	"	"	"		16	"	60	"	"	"	"	1461
60	60	12	5	"	"		"			160	"	"	"		10	"	60	"	"	"	"	1462
60	60	65	52	8	"		"			1,200	2	5	"	no	10	"	60	"	"	yes	"	1463
60		5																				1464
60	66	10	10	none	no		no			450	no	none	none		10	no	60	yes	no	yes	yes	1465
66	66	12	7	"	"		"			340	"	"	"		10	"	60	"	"	"	"	1466
60	60	14																				1467
60	60	60	60	none	no		no			2,200	no	none	none		10	no	50	yes	no	yes	yes	1468
60	48	4	3	"	"		"			100	"	"	"		10	"	60	"	"	"	"	1469
60	60	8	6	"	"		"			215	"	"	"		10	"	60	"	"	"	"	1470
60	60	5	5	"	"		"			250	"	"	"		10	"	60	"	"	"	"	1471
60	60	6	4	"	"		"			160	"	"	"		10	"	60	"	"	yes	"	1472
60	60	30	15	"	"		"			600	"	"	"		10	"	60	"	"	"	"	1473
60	60	8	7	"	"		"			228	"	"	"		10	"	60	"	"	"	"	1474
60	60	3	3	"	"		"			133	"	"	"		10	"	60	"	"	"	"	1475
60	60	7	9	"	"		"			100	"	"	"		10	"	60	"	"	"	"	1476
60	60	100	100	"	red.	10	"			3,400	"	3	"	no	10	"	60	"	"	"	"	1477
60	60	125	25	100	no		"			3,000	"	none	3	"	10	"	60	"	"	"	"	1478
80	54	25	12	3	"		"			650	"	"	none		10	"	60	"	"	"	"	1479
60	60	9	7	2	"		"			250	"	"	"		10	"	60	"	"	yes	no	1480
60	60	3	3	none	"		"			100	"	"	"		10	"	60	"	"	"	yes	1481
60	60	3	2	"	"		"			65	"	"	"		10	"	60	"	"	"	"	1482
60		5																				1483
60																						1484
60	60	12	12	none	no		no			468	no	none	none		10	no	60	yes	no	yes	yes	1485
60	45	170	151	"	"		"			6,500	"	"	"		10	"	60	"	"	"	"	1486
60	60	42	42	"	red.	25	"			1,300	"	"	"		10	"	60	"	"	"	"	1487
60	60	65	32	"	"	5	"			825	"	"	"		10	"	60	"	"	"	"	1488
60		10																				1489
60	60	8	8	none	red.	10	no			160	no	none	none		10	no	60	yes	no	yes	yes	1490
60	60	45	15	"	no		"			400	"	"	"		10	"	60	"	"	"	"	1491
60	60	60	40	"	"		"			1,200	"	"	"		10	"	60	"	"	yes	"	1492
48	48	9	6	"	"		"			200	1	"	"		8	"	60	"	"	"	"	1493
60	60	21	21	"	"		"			800	no	"	"		10	"	60	"	"	yes	"	1494
60	60	18	15	1	"		"			950	"	"	"		10	"	60	"	"	"	"	1495
60	60	150	190	none	red.	8	"			2,000	"	5	"	no	10	"	60	"	"	"	"	1496
60																						1497
60	60	165	165	none	red.	10	no			4,000	1	7	none	no	10	no	60	yes	no	yes	yes	1498
60	60	90	35	5	"	10	"			1,000	no	2	"		10	"	*30	"	"	"	"	1499
60	60		13	none	no		"			800	"	none	"		10	"	60	"	"	"	"	1500
60	60	11	11	"	"		"			650	"	"	"		10	"	60	"	"	"	"	1501
60		100																				1502

* Shorter dinner hour allowed by inspector.

Inspection book No. 33.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1503	June 19	Joseph Jacoboicoe	Grand Rapids	Machinery & fire escapes.	rn'g	part
1504	" 19	Hanson & Duns	"	Brass goods	"	full
1505	" 19	Star Roller Mills	"	Flour	"	"
1506	" 19	John G. Lee	"	Job printing	"	"
1507	" 20	Knusterer Wagon Co.	"	Wagons	"	"
1508	" 20	American Carving and Mfg. Co.	"	Carved mouldings	"	"
1509	" 20	Harring & Attwood	"	Brass castings	"	"
1510	" 20	Belknap Wagon and Sleigh Co.	"	Wagons, sleighs, trucks	"	"
1511	" 20	Valley City Top Factory	"	Buggy tops	"	"
1512	" 21	Rempis & Gallmeyer	"	Iron and brass castings	"	part
1513	" 21	Grand Rapids Glass Co.	"	Mirrors and glass bevel'g	"	full
1514	" 21	Perkins & Co.	"	Mach'ry, steam launches	"	part
1515	" 21	Fox Machine Co.	"	Special machinery	"	full
1516	" 21	C. O. & A. D. Porter	"	Woodworking machinery	"	"
1517	" 21	Alex Frazer	"	Brush machinery	"	"
1518	" 22	Grand Rapids Panel Co.	"	Graining plates	"	"
1519	" 22	Scholl Wagon Works	"	Wagons and sleighs	"	"
1520	" 22	Haney School Furniture Co.	"	School, opera house fur.	"	"
1521	" 22	Grand Rapids Veneer Works	"	Veneer and panels	"	"
1522	" 22	G. R. School Furniture Co.	"	Furniture	"	"
1523	" 23	Slooter Bros.	"	Brooms	"	"
1524	" 23	Widdicomb Saw Mill	"	Lumber	idle	-----
1525	" 23	J. E. Cheney	"	Planing mill	"	"
1526	" 23	Baldwin, Tuthill & Bolton	"	Filing room outfits	rn'g	part
1527	" 25	J. W. Fox	"	Excelsior	"	full
1528	" 25	Grand Rapids Mattress Co.	"	Mattresses and springs	"	part
1529	" 25	Widdicomb Mantel Co.	"	Mantels and furniture	"	full
1530	" 25	Widdicomb Furniture Co.	"	Furniture	"	"
1531	" 25	Dryden, Annin & Boes	"	Hall clocks	idle	-----
1532	" 26	Valley City Rattan Co.	"	Rattan chairs	rn'g	part
1533	" 26	Richmond Mfg. Co.	"	Foldings beds, settees and boxes	"	full
1534	" 26	Giesler & Fritz	"	Wagons, sleighs, etc.	"	"
1535	" 26	G. R. Brewing Co., Bottling Dep't.	"	Bottled beer	"	"
1536	" 26	J. Brogger	"	Soap	"	part
1537	" 27	Brechtig Bros.	"	Wagons, sleighs, etc.	"	full
1538	" 27	S. G. Staddon	"	Wool carding, knitting	"	part
1539	" 27	W. T. Lamreaux Co.	"	Beans sorted	"	full
1540	" 29	Wolverine Spice Co.	"	Spices	"	"
1541	" 29	Troy Laundry	"	Laundry work	"	"
1542	" 29	Petersen & Wipfler	"	Lager beer	"	"
1543	" 29	Model Laundry	"	Laundry work	"	"
1544	" 29	Star Knitting work	"	Hosiery, ladies underwear	"	"
1545	" 30	Barnett & Richards	"	Tin work and plumbing	"	"
1546	" 30	Grand Rapids Marble Co.	"	Monuments	"	"
1547	" 30	Aldine Mfg. Co.	"	Mantels and grates	idle	-----
1548	" 30	Acker & Ford Mfg. Co.	"	Sash, doors, interior fin.	rn'g	full
1549	" 30	E. L. Boardman	"	Job and pattern shop	"	"
1550	July 2	Valley City Dowell Co.	"	Mouldings, etc.	"	part
1551	" 2	O. & W. Thum Co.	"	Fly paper	"	full

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1899?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner.	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60 48	12	3	none	no	no	no	no	no	156	no	none	none	no	10	no	60	yes	no	yes	yes	1503
60 60	4	2	"	"	"	"	"	"	100	"	"	"	"	10	"	60	"	"	"	"	1504
72 72	40	40	"	"	"	"	"	"	1,500	"	"	"	"	10	"	60	"	"	"	"	1505
59 59	6	2	"	"	"	"	"	"	100	"	"	"	"	10	"	60	"	"	"	"	1506
60 60	11	6	"	"	"	"	"	"	250	"	"	"	"	10	"	60	"	"	"	"	1507
60 60	7	6	"	"	"	"	"	"	225	"	"	"	"	10	"	50	"	"	"	"	1508
60 60	11	11	"	inc.	10	"	"	"	600	"	"	"	"	10	"	45	"	"	no	yes	1509
60 60	50	50	"	red.	10	inc.	10	10	1,900	"	"	"	"	10	"	50	"	"	"	"	1510
60 60	3	2	"	no	no	"	"	"	100	"	"	"	"	10	"	60	"	"	"	"	1511
60 40	13	11	"	"	"	"	"	"	500	"	"	"	"	10	"	60	"	"	yes	"	1512
60 60	5	5	"	"	"	"	"	"	200	"	"	"	"	10	"	60	"	"	"	"	1513
60 48	120	48	2	red.	20	"	"	"	2,000	"	"	"	"	10	"	50	"	"	"	"	1514
59 59	65	55	1	"	5	inc.	2	"	1,750	"	"	"	"	10	"	60	"	"	"	"	1515
60 60	12	12	none	no	5	inc.	15	"	500	"	"	"	"	10	"	60	"	"	"	"	1516
60 60	9	7	"	no	no	"	"	"	375	"	"	"	"	10	"	60	"	"	"	"	1517
60 60	3	2	"	"	no	"	"	"	125	"	"	"	"	10	"	60	"	"	"	"	1518
60 60	6	2	"	"	"	"	"	"	100	"	"	"	"	10	"	60	"	"	"	"	1519
60 60	98	93	5	"	"	"	"	"	4,275	"	2	"	no	10	"	60	"	"	yes	"	1520
60 60	135	80	none	red.	10	"	"	"	4,000	"	1	"	yes	10	"	55	"	"	"	"	1521
60 60	333	330	5	"	6	inc.	"	"	12,500	"	1	"	no	10	"	50	"	"	"	"	1522
60 60	8	7	none	no	no	"	"	"	325	"	none	"	"	10	"	60	"	"	"	"	1523
60 --	25	"	"	"	"	"	"	"	"	"	none	"	"	"	"	"	"	"	"	"	1524
60 --	80	"	"	"	"	"	"	"	"	"	none	"	"	"	"	"	"	"	"	"	1525
60 48	16	12	none	no	no	"	"	"	500	no	none	none	"	10	no	50	yes	no	yes	yes	1526
60 60	17	14	1	"	"	"	"	"	450	1	"	"	"	10	"	60	no	"	"	"	1527
60 48	60	11	11	"	"	"	"	"	700	no	"	"	"	10	"	60	yes	"	"	"	1528
60 60	200	150	none	red.	10	"	"	"	5,200	"	5	"	"	10	"	50	"	"	"	"	1529
60 60	650	540	3	"	20	"	"	"	13,000	"	30	"	yes	10	"	50	"	"	"	"	1530
60 --	10	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1531
60 48	85	24	21	no	no	"	"	"	1,320	no	none	none	"	10	no	60	yes	no	yes	yes	1532
60 60	28	19	1	"	"	"	"	"	600	"	"	"	"	10	"	50	no	"	"	"	1533
60 60	8	4	none	"	"	"	"	"	150	"	"	"	"	10	"	60	yes	no	"	"	1534
60 60	8	8	"	"	"	"	"	"	175	"	4	"	"	10	"	60	"	"	"	"	1535
60 40	4	2	2	"	"	"	"	"	100	"	none	"	yes	10	"	60	"	"	"	no	1536
60 60	10	7	none	"	"	"	"	"	280	"	2	"	no	10	"	60	"	"	yes	yes	1537
60 30	4	1	1	"	"	"	"	"	50	"	"	"	"	10	"	60	"	"	"	"	1538
54 54	60	6	34	inc.	20	"	"	"	400	"	"	"	"	9	"	*30	"	"	"	no	1539
60 60	5	5	none	red.	20	"	"	"	175	"	"	"	"	10	"	60	"	"	"	yes	1540
60 60	13	5	6	"	"	"	"	"	390	"	"	"	"	10	"	60	"	"	"	"	1541
60 60	9	9	none	"	"	"	"	"	450	"	"	"	"	10	"	60	"	"	"	"	1542
60 60	12	3	9	"	"	"	"	"	160	"	"	"	"	10	"	60	"	"	"	"	1543
60 60	51	4	47	"	"	"	"	"	1,500	"	"	1	no	10	"	50	"	"	"	"	1544
54 54	24	8	"	"	"	"	"	"	400	"	"	none	"	10	"	60	"	"	"	"	1545
60 60	10	5	none	red.	5	"	"	"	300	"	"	"	"	10	"	60	"	"	"	"	1546
60 --	40	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1547
60 60	45	35	none	no	no	"	"	"	1,800	no	1	none	no	10	no	60	yes	no	yes	yes	1548
60 60	1	1	"	"	"	"	"	"	100	"	none	"	"	10	"	60	"	"	"	"	1549
60 48	5	4	"	"	"	"	"	"	110	"	"	"	"	10	"	60	"	"	yes	"	1550
60 60	150	43	19	"	"	"	"	"	1,612	"	1	2	yes	10	"	50	"	"	"	"	1551

* Shorter dinner hour allowed by inspector.

Inspection book No. 34.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1552	July 2	Metal Stamping & Spinning Co.	Grand Rapids	Metal ornaments	r'ng	full
1553	" 2	Chas. Schmidt & Bro.	"	Monuments	"	"
1554	" 2	W. T. Bentley	"	Barrels	"	"
1555	" 3	Michigan Wall Plaster Co.	"	Wall plaster	idle	"
1556	" 3	Heys, Kirk & Muste	"	Building stone	r'ng	full
1557	" 8	Warren-Scharf Asphalt Paving Co.	"	Asphalt	idle	"
1558	" 8	H. A. Britt	"	Bottled beer	r'ng	full
1559	" 3	J. B. Folger & Sons	"	Carbonated drinks	"	"
1560	" 9	Phoenix Furniture Co.	"	Furniture	"	part
1561	" 9	Sweet Electric and Mfg. Co.	"	Electric machinery	"	full
1562	" 10	Sints Gas Engine Co.	"	Gas engines and yachts	"	"
1563	" 10	M. E. Christenson	"	Crackers and cakes	"	"
1564	" 10	Wm. H. Pettit	"	Baby carriages	"	part
1565	" 11	Grand Rapids Brass Co.	"	Brass and bronze goods	"	"
1566	" 11	A. A. Greil	"	Tubs, cisterns and kegs	"	full
1567	" 11	Rogers Chemical Works	"	Soaps, oils and ammonia	"	"
1568	" 11	Michigan Vapor Stove Co.	"	Vapor stoves	idle	"
1569	" 11	Paine Bedding Co.	"	Springs, mattresses and pillows	r'ng	part
1570	" 12	Ryan Rattan Chair Co.	"	Rattan goods	"	"
1571	" 12	Priestley Express Wagon and Sleigh Co.	"	Children's wagons, sleds	"	full
1572	" 12	Grand Rapids Piano Case Co.	"	Piano cases	"	"
1573	" 12	Oriel Cabinet Co.	"	Fancy furniture	"	"
1574	" 13	Waddell Mfg. Co.	"	Furniture ornaments	"	part
1575	" 13	City Laundry	"	Laundry work	"	full
1576	" 13	Chicago Laundry	"	"	"	"
1577	" 13	Arthur Wood Carriage Co.	"	Buggies and carriages	"	"
1578	" 13	National Handy Article Co.	"	Dustpans	"	"
1579	" 14	I. L. Quimby	"	Organ lumber	"	"
1580	" 14	Michigan Barrel Co.	"	Barrels, box rims & l'mb'r	"	"
1581	" 16	Grand Rapids Chair Co.	"	Fancy furniture	"	"
1582	" 16	Dale & Brethour	"	Excelsior	idle	"
1583	" 16	Dupree & Newitt	"	Interior finish, etc.	r'ng	full
1584	" 16	Hill Domestic Bakery	"	Bread and pastry	"	"
1585	" 17	Edison Light Co.	"	Electric light and power	"	"
1586	" 17	T. J. Everhart	"	Band and circular saws	"	"
1587	" 17	Russell & Simmons	"	Wagons, carriage repairs	"	"
1588	" 17	Henry Kortlander	"	Barrels and kegs	idle	"
1589	" 17	Sligh Furniture Co.	"	Furniture	r'ng	full
1590	" 18	C. D. Sanford	"	Carriage repairs	"	"
1591	" 18	John H. Ter Braak	"	Wooden shoes	idle	"
1592	" 18	De Graff & Vrieling & Co.	"	Interior finish, etc.	"	"
1593	" 18	Finlay Brewing Co.	"	Carbonated & malt drinks	r'n'g	full
1594	" 18	Geo. G. Steketee	"	Patent medicines	"	"
1595	" 19	Sproatt & McGurrin	"	Plumbing, steam & gas fit.	"	"
1596	" 19	Park Domestic Laundry	"	Laundry work	"	part
1597	" 19	F. Shriver, Sr.	"	Plumbing and heating	"	full
1598	" 19	A. McPhail & Co.	"	Plumbing and gas fitting	"	"
1599	" 19	Rademaker & Stell	"	Cigars	"	"
1600	" 19	A. S. Davis	"	"	idle	"

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	No. employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	13	10	none	no	20	no	20	\$342	no	none	none		10	no	50	yes	no	yes	yes	1552
60	60	11	9	"	red.	"	inc.	"	480	"	"	"		10	"	60	"	"	yes	"	1553
60	60	16	12	"	no	"	"	"	400	"	"	"		10	"	60	"	"	"	"	1554
60	60	3	"	"	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	1555
54	54	20	6	none	no	red.	red.	25	425	no	none	none		9	no	60	yes	"	yes	yes	1556
60	60	140	8	none	no	20	no	20	500	no	none	none		10	no	60	yes	no	yes	yes	1557
60	60	8	8	none	no	20	inc.	20	400	"	"	"		10	"	60	"	"	yes	yes	1558
60	60	10	9	1	red.	10	"	"	7,000	"	"	"		10	"	60	"	"	"	"	1559
60	48	550	295	5	"	10	no	"	500	"	"	"		10	"	50	"	"	"	"	1560
59	59	12	none	"	"	"	"	"	"	"	"	"		10	"	60	"	"	"	"	1561
60	60	65	63	2	inc.	10	no	"	2,450	"	"	"		10	"	50	"	"	"	"	1562
60	60	9	7	none	no	"	"	"	348	"	"	"		10	"	60	"	"	"	"	1563
60	30	15	3	3	no	"	"	"	200	"	"	"		10	"	60	"	"	"	"	1564
60	30	190	100	10	red.	2	"	"	2,800	"	"	"		10	"	60	"	"	"	"	1565
60	60	9	3	none	no	"	"	"	156	"	"	"		10	"	60	"	"	"	"	1566
60	60	5	2	"	"	"	"	"	52	"	"	"		10	"	60	"	"	"	"	1567
60	60	40	"	"	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	1568
60	36	32	9	2	red.	10	no	"	475	no	none	none		10	no	60	yes	no	yes	yes	1569
60	48	15	2	3	"	15	"	"	180	"	"	"		10	"	60	"	"	"	"	1570
60	60	60	28	none	no	"	"	"	800	"	"	"		10	"	60	yes	no	yes	"	1571
60	60	70	70	"	red.	10	"	"	2,700	"	3	"	no	10	"	50	"	"	"	"	1572
60	60	350	278	1	"	20	"	"	8,000	"	none	"		10	"	50	"	"	"	"	1573
60	48	100	35	none	no	"	"	"	1,325	"	"	"		10	"	60	"	"	"	"	1574
60	60	8	3	2	"	"	"	"	180	"	"	"		10	"	60	"	"	"	"	1575
60	60	7	2	5	"	"	"	"	200	"	"	"		10	"	60	"	"	"	"	1576
60	60	40	30	none	"	"	"	"	800	"	"	"		10	"	55	"	"	"	"	1577
60	60	7	5	"	"	"	"	"	140	"	3	"	no	10	"	50	"	"	"	"	1578
60	60	48	33	"	"	"	"	"	750	"	none	"		10	"	*10	"	"	yes	"	1579
60	60	170	170	"	"	red.	"	"	4,700	2	30	"	yes	10	"	60	"	"	"	"	1580
60	60	300	224	1	red.	8	no	"	10,000	no	3	"	no	10	"	50	"	"	"	"	1581
60	60	18	16	none	no	"	no	"	790	no	none	none		10	no	50	yes	no	yes	yes	1582
60	60	16	13	1	"	"	"	"	500	"	"	"		10	"	60	"	"	"	"	1583
60	60	14	20	5	"	"	"	"	1,100	"	"	"		10	"	60	"	"	"	"	1584
72	72	21	2	none	"	"	"	"	112	"	"	"		10	"	60	"	"	"	"	1585
60	60	5	"	"	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	1586
60	60	10	7	"	"	"	"	"	375	"	"	"		10	"	60	"	"	"	"	1587
60	60	5	"	"	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	1588
59	59	250	231	1	red.	12	no	"	7,000	no	5	none	yes	10	no	60	yes	no	yes	yes	1589
60	60	4	3	none	no	"	"	"	156	"	none	"		10	"	60	"	"	"	"	1590
60	60	7	"	"	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	1591
60	60	95	"	"	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	1592
60	60	11	9	none	no	"	no	"	305	no	none	none		10	no	120	yes	no	yes	yes	1593
60	60	5	2	"	"	"	"	"	100	"	"	"		10	"	60	"	"	"	"	1594
54	54	50	20	20	"	"	"	"	1,000	"	"	"		9	"	60	"	"	"	"	1595
60	30	none	3	"	"	"	"	"	78	"	"	"		10	"	60	"	"	yes	"	1596
54	54	40	18	none	red.	10	no	"	800	"	"	"		9	"	60	"	"	"	"	1597
54	54	6	3	"	no	"	"	"	200	"	"	"		9	"	60	"	"	"	"	1598
48	48	4	4	"	"	"	"	"	140	"	"	"		8	"	60	"	"	"	"	1599
60	60	"	"	"	"	"	"	"	"	"	"	"		"	"	"	"	"	"	"	1600

* Shorter dinner hour allowed by inspection.

Inspection book No. 35.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1601	July 24	H. P. Grady	Grand Rapids	Carriage repairs	r'ng	part
1602	" 24	Blake's Domestic Bakery	"	Bread and pastry	"	full
1603	" 24	Michigan Chalk Co.	"	School crayons	"	"
1604	" 24	Jeltes Dregge & Co.	"	Interior finish, etc.	"	part
1605	" 24	M. L. Sweet	"	Furniture	idle	"
1606	" 25	Central Furniture Co.	"	Desks and tables	r'ng	part
1607	" 25	Valley City Machine Works	"	Machinery	"	"
1608	" 25	H. Bademaker & Sons	"	Croquet sets and ball bats	"	"
1609	" 25	Geo. R. Reeves	"	Sheds, doors, etc.	idle	"
1610	" 26	Alex Mathewson	"	Monuments, etc.	r'ng	full
1611	" 26	Langerais & Stephen	"	Printed matter	"	"
1612	" 26	Valley City Wire and Tin Works	"	Wire and tin work	"	"
1613	" 26	James Stewart	"	Cigars	"	"
1614	" 26	Michigan Brush Co.	"	Hand made brushes	"	"
1615	" 26	L. M. Kramer	"	Photographs	"	"
1616	" 27	G. J. Johnson	"	Cigars	"	"
1617	" 27	S. P. Swartz	"	Shingles, etc.	"	"
1618	" 27	Valley City Shirt Co.	"	Shirts and waists	"	"
1619	" 27	American Steam Laundry	"	Laundry work	"	"
1620	" 28	Grand Rapids Steam Bakery	"	Bread and pastry	"	"
1621	" 28	Times Publishing Co.	"	Newspaper	"	"
1622	" 28	E. A. Hill	"	Cigars	"	"
1623	" 28	Grand Rapids Monument Co.	"	Monuments	"	"
1624	" 28	Heth Bros.	"	Machinery and tin work	"	"
1625	" 28	Dykema Grain & Fuel Co.	"	Feed	"	"
1626	Aug. 1	Maybee Bros.	"	Brooms	"	"
1627	" 1	Granite Pressed Brick Co.	"	Pressed brick	idle	"
1628	" 1	Mich. Fire Ladder & Engine Co.	"	Fire lad'rs and hose w'gs.	"	"
1629	" 1	Patterson Furnace Co.	"	Furnaces	r'ng	full
1630	" 1	W. H. Gibson	"	Monuments	"	"
1631	" 8	Rowson Bros.	"	Wood work	"	"
1632	" 8	C. Morton	"	Lumber	"	part
1633	" 8	G. R. & I. R. H. Shops	"	Repairing	"	"
1634	" 8	Vulcan Iron Works	"	Railroad castings	"	"
1635	" 9	G. R. Novelty Manufacturing Co.	S. G'd Rapids	Closet seats and tanks	"	"
1636	" 9	Grand Rapids Desk Co.	"	Office desks	"	full
1637	" 9	McGraw Manufacturing Co.	"	Moldings and turnings	"	part
1638	" 9	John Mack	"	Sleighs and car'ge bodies	"	"
1639	" 13	C. H. Field	"	Pressed sand brick	"	full
1640	" 13	Weightman & Cowin	"	Tin works	"	"
1641	" 17	Jacob Reelman	"	Shingles, etc.	"	"
1642	" 17	Grand Rapids Gas Co.	"	Gas	"	"
1643	" 17	Grand Rapids Felt Boot Co.	"	Felt boots	"	"
1644	" 19	McCord & Bradfield Furniture Co.	"	Bedroom suits	"	"
1645	" 19	Michigan Chair Co.	"	Chairs and tables	"	"
1646	" 19	Stickley Bros. Co.	"	"	"	"
1647	" 20	Grand Rapids Brick Co.	"	Brick	"	"
1648	" 20	F. Godfrey & Bro.	"	Land plaster and stucco.	"	"

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1933?	What per cent?	Have wages been increased or reduced since March 1, 1934?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
80 30	3	3	2	none	no	..	no	..	890	no	none	none	no	10	no	60	yes	no	..	yes	1601
80 60	14	12	12	..	..	..	..	..	900	..	..	..	..	10	..	60	..	..	..	..	1602
80 60	24	24	24	..	..	..	..	..	..	..	10	..	yes	10	..	60	..	..	..	..	1603
80 54	23	20	20	1	..	..	..	..	875	..	none	..	..	10	..	50	..	..	yes	..	1604
80 ..	125	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1605
80 48	18	14	14	none	no	..	no	..	800	no	none	none	..	10	no	60	yes	no	yes	yes	1606
80 48	3	2	2	..	..	..	..	..	125	..	..	..	..	10	..	60	..	..	..	..	1607
80 48	65	12	..	red.	12	..	..	..	325	..	..	..	..	10	..	60	..	..	..	..	1608
80 ..	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1609
54 54	20	6	none	red.	25	no	..	..	850	no	none	none	..	9	no	60	yes	no	yes	yes	1610
59 59	4	3	..	..	no	..	..	..	60	..	1	..	no	10	..	60	..	..	..	..	1611
80 60	4	2	2	..	..	..	..	..	75	..	none	..	..	10	..	60	..	..	..	..	1612
48 48	4	2	1	..	..	..	..	..	110	..	..	..	..	8	..	60	..	..	..	..	1613
80 60	8	1	..	..	..	..	..	..	150	..	..	..	..	10	..	60	..	..	..	..	1614
80 60	5	2	2	..	..	..	..	..	100	..	..	..	..	10	..	60	..	..	..	..	1615
48 48	14	6	5	..	..	..	..	..	880	..	..	..	..	8	..	60	..	..	..	..	1616
80 60	60	50	none	red.	10	..	..	..	1,200	..	4	..	no	10	..	50	..	..	yes	..	1617
57 57	6	none	2	no	..	..	..	..	40	..	none	..	9%	10	..	60	..	..	..	..	1618
80 60	80	15	50	..	..	..	..	..	525	..	..	..	..	10	..	60	..	..	..	..	1619
80 60	10	8	2	..	..	..	..	..	400	..	..	..	..	10	..	60	..	..	..	..	1620
59 59	3	3	none	..	..	..	..	..	60	..	1	..	no	10	..	60	..	..	..	..	1621
48 48	3	2	..	..	no	..	no	..	70	..	none	..	..	8	..	60	..	..	..	..	1622
80 60	3	3	..	..	..	..	..	..	200	..	..	..	..	10	..	60	..	..	..	..	1623
80 60	8	4	..	..	..	..	..	..	175	..	..	..	..	10	..	60	..	..	yes	..	1624
80 60	4	3	1	..	..	..	..	..	108	..	..	..	..	10	..	60	yes	..	..	..	1625
80 60	5	4	none	..	..	..	..	..	208	..	..	..	..	10	..	60	..	..	..	..	1626
80 ..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1627
80 ..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1628
80 60	10	4	none	red.	25	no	..	..	117	no	none	none	..	10	no	60	yes	no	..	yes	1629
59 59	5	3	..	..	no	..	..	..	180	..	..	..	..	10	..	60	..	..	..	..	1630
80 60	149	90	..	red.	10	..	..	..	4,481	..	..	..	..	10	..	50	..	..	yes	..	1631
80 54	23	21	1	no	..	..	..	..	692	..	..	..	..	10	no	60	..	..	..	..	1632
80 40	332	332	none	..	..	..	..	..	12,278	..	..	..	..	10	..	60	..	..	..	..	1633
80 30	25	5	..	..	..	..	..	..	450	..	..	..	..	10	..	40	..	..	..	..	1634
80 30	50	25	..	..	..	..	..	..	900	..	2	..	no	10	..	60	..	..	..	..	1635
80 60	76	75	1	..	..	..	..	..	2,000	..	5	..	..	10	..	50	..	..	..	..	1636
80 54	25	10	none	..	..	..	..	..	450	..	1	..	..	10	..	*25	..	..	..	..	1637
80 54	20	3	..	..	..	..	..	..	120	..	none	..	..	10	..	*25	..	..	..	..	1638
80 60	10	7	..	..	..	..	..	..	200	..	..	..	..	10	..	60	..	..	..	..	1639
80 60	5	5	..	no	..	no	..	..	150	..	..	..	..	10	..	60	yes	no	..	..	1640
80 60	15	6	..	..	..	..	..	..	125	..	..	..	..	10	..	60	..	..	yes	..	1641
72 72	45	33	1	..	..	..	..	..	1,500	..	..	..	..	10	..	60	..	..	..	..	1642
80 60	35	53	32	red.	10	..	..	..	3,000	..	1	3	yes	10	..	50	..	..	..	..	1643
80 60	600	430	none	no	..	..	..	..	11,000	..	9	none	no	10	..	50	..	..	..	..	1644
80 60	180	180	..	red.	10	inc.	8	..	4,800	..	5	..	..	10	..	50	..	..	..	..	1645
80 60	275	287	8	..	20	..	10	..	6,500	..	12	..	..	10	..	50	..	..	..	..	1646
80 60	40	20	..	..	10	no	..	..	640	1	none	..	..	10	..	60	..	..	..	..	1647
80 60	43	16	..	no	..	..	..	..	275	no	..	..	..	10	..	60	..	..	..	..	1648

* Shorter dinner hour allowed by inspector.

Inspection book No. 44.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2038	Aug. 18	Rodgers Iron Manufacturing Co....	Muskegon	Saw mill mach. & cast'gs.	r'ng	part
2039	" 18	Muskegon Gas Light Co.	"	Gas	full	
2040	" 18	Muskegon Saw Works	"	Saws	idle	
2041	" 18	Francis Jiroch	"	Cigars	r'ng	full
2042	" 20	Muskegon Steam Laundry	"	Laundering	"	"
2043	" 20	Friebets Bannet	"	Swedish newspaper	"	"
2044	" 20	Thayer Lumber Co.	"	Lumber, lath & shingles	"	"
2045	" 21	The Morning News and News Reporter	"	Job printing and binding	"	"
2046	" 21	Muskegon Daily Chronicle	"	Newspaper & job print'g.	"	"
2047	" 21	People's Steam Laundry	"	Laundering	"	"
2048	" 21	Miss H. Kreuter	"	Millinery	idle	
2049	" 21	Hackley & Hume	"	Lumber	r'ng	full
2050	" 22	Watson & Fink	"	Cigars	"	"
2051	" 22	A. W. Gurneer	"	Rattan and willow ware	"	"
2052	" 22	Davis Iron Works	"	All kinds of trucks	idle	
2053	" 22	Barcus Bros.	"	Band and circular saws	r'ng	part
2054	" 22	Muskegon Boiler Works	"	Boilers and stacks	"	"
2055	" 23	Lake Side Iron Co.	"	Machinery and repair	"	"
2056	" 23	P. Hayden, Saddlery Hardware Co.	"	Harness	"	full
2057	" 23	U. S. Baking Co.	"	Crackers and cakes	"	"
2058	" 23	Muskegon R'y Co. & Power House	"	Repair shop & electricity	"	"
2059	Sept. 4	A. B. Klise	Sullivan	Lumber	"	"
2060	" 5	Stewarts Hartshorn Co.	Muskegon	Shade rollers	"	part
2061	" 5	W. G. Watson & Co.	"	Dressed lumber	"	full
2062	" 5	Muskegon Brewing Co.	"	Lager beer	"	"
2063	" 5	Muskegon Bottling Works	"	Bottled beer	"	"
2064	" 5	Hovey & McCracken	"	Lumber and lath	"	"
2065	" 5	F. P. Pillsbury	"	Kindling wood	"	"
2066	" 6	Hovey & McCracken Mill No. 2	"	Lumber	idle	
2067	" 6	Strang & McBride	"	Shingles	"	
2068	" 6	McGraft Lumber Co. Saw Mill	"	Lumber	r'ng	full
2069	" 6	" " Planing Mill	"	Sash, doors and blinds	"	part
2070	" 6	Lake Side Mfg. Co. Saw Mill	"	Lumber	"	full
2071	" 6	" " Planing Mill	"	Dressed lumber & boxes	idle	
2072	" 6	Chase Bros.	"	Pianos	r'ng	full
2073	" 6	Muskegon Iron and Steel Co.	"	Bar iron and steel	idle	
2074	" 7	H. E. Morton Manufacturing Co.	Muskegon H.	Machine tools, farm imp.	r'ng	full
2075	" 7	Whirlpool Washing Machine Co.	"	Washing machines	idle	
2076	" 7	Kelley Bros. Manufacturing Co.	"	Special wood work	r'ng	full
2077	" 7	Alaska Refrigerator Co.	"	Refrigerators	idle	
2078	" 7	Shaw Electric Crane Works	"	Electric cranes	r'ng	full
2079	" 7	Muskegon Washing Machine Co.	"	Washing machines	idle	
2080	" 8	Electric Alarm Co.	"	Electric specialties	r'ng	full
2081	" 8	Gray Bros. Manufacturing Co.	"	Folding bath tubs	"	part
2082	" 8	Mich. Electric Curled Hair Works	Muskegon	Curled hair, neat foot oil	"	full
2083	" 8	Muskegon Chem. Fire Engine Co.	"	Chemical fire engines	"	part
2084	" 8	W. F. Wiselogle	"	Sash, doors & d. lumber	idle	
2085	Oct. 15	F. Alberta & Co.	N. Muskegon	Lumber and shingles	r'ng	full
2086	" 15	Standard Box Shook Co.	"	Box lumber	"	part

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.	Males.	Females.							Males.	Females.									
60 48	75	29	1	no		no		\$1,500	no	none	none		10	no	no	60	yes	no	yes	yes	2038	
72 72	7	7						250	no	none	none			no	no	60	yes	no	yes	yes	2039	
60 48	4	15	1	no		no		550	no	3	3	no	8	no	no	60	yes	no	no	yes	2040	
57 57	20	3	12					350		none	none		9 1/2		no	60			yes		2041	
60 60	4	3	1					90				no	10		no	60					2043	
60 60	280	279	1	red.	10			11,200					10		no	60					2044	
59 59	14	12	2	no				640		1	1	no	10		no	60					2045	
59 59	20	17	3					1,000		none	none		10		no	60					2046	
60 60	25	3	13					375					10		no	60					2047	
60 60	6																				2048	
60 60	120	120		red.	10			5,000	no	none	none		10	no	no	60	yes	no	yes	yes	2049	
48 48	5	4						150					8		no	60			yes		2050	
60 60	6	2						120		none	none		10		no	60			yes		2051	
60 60	12																				2052	
60 48	10	6		no		no		400	no	none	none		10	no	no	60	yes	no	yes	yes	2053	
60 40	60	15	1					1,250					10		no	60					2054	
60 48	25	8						480					10		no	60					2055	
60 60	45	25						1,000		1	1	no	10		no	60					2056	
60 60	31	20	11					1,200		none	none		10		no	60					2057	
60 60	12	12		red.	10	inc.	10	407					10		no	60					2058	
60 60	35	35			25	no		1,000					10		no	60					2059	
60 50	375	250		no				5,500		18	18	no	10		no	50					2060	
60 60	125	55	1	red.	20			1,500		1	1		10		no	55					2061	
60 60	25	20		no				1,200		none	none		10		no	60					2062	
60 60	6	4						160					10		no	60					2063	
60 60	125	125		red.	10			4,000					10		no	60					2064	
60 60	8	8		no				250					10		no	60					2065	
60 60																					2066	
60 60																					2067	
60 60	60	60		red.	10	no		2,400	no	none	none	no	10	no	no	50	yes	no	yes	yes	2068	
60 48	40	20		no				400					10		no	50					2069	
60 60	110	97		red.	15			3,800					10		no	60					2070	
60 60																					2071	
60 60	300	50		no		no		600	no	none	none		10	no	no	60	yes	no	yes	yes	2072	
60 60	200																				2073	
60 60	30	6	1	red.	20	no		250	no	none	none		10		no	60	yes	no	yes	yes	2074	
60 60	5																				2075	
60 60	125	100		red.	7	no		3,000	1	10	10	no	10	no	no	*30	yes	no	yes	yes	2076	
60 60	300																				2077	
58 58	120	70		red.	10	no		3,200	no	none	none	no	10	no	no	60	yes	no	yes	yes	2078	
60 60	25																				2079	
60 60	20	7		inc.	10	no		200	no	none	none	no	10	no	no	*30	yes	no	yes	yes	2080	
60 54	45	25		red.	10			900					10		no	60					2081	
60 60	6	2		no				70					10		no	60					2082	
60 54	50	7	1	red.	15			500					10		no	60					2083	
60 60	50																				2084	
60 60	60	60		red.	10	no		2,000	1	1	1	no		no	no	60	yes	no	yes	yes	2085	
60 15	50	21		no				500	1	1	1		10		no	60					2086	

* Shorter dinner hour allowed by inspector.
† Ordered statement filed.

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2087	Sept. 20	Alabastine Co.	Grand Rapids	Land plaster and stucco.	r'ng	full
2088	" 20	Grand Rapids Glue Co.	"	Glue, soap and fertilizer.	"	"
2089	" 22	Stickney Manufact'g and Box Co.	"	Lumber and boxes	idle	"
2090	" 22	Anti-Kalsomine Co.	"	Patent wall finish	"	"
2091	" 24	Grand Rapids Seating Co.	"	School and church furn.	r'ng	full
2092	" 24	Ball Bros.	"	Art and glass works	"	"
2093	" 24	Diamond Wall Finish Co.	"	Patent wall finish	idle	"
2094	" 24	Grand Rapids Plaster Co.	"	Land plaster	"	"
2095	" 24	Grand Rapids Gypsum Co.	"	Land & calcined plaster	r'ng	full
2096	" 25	H. D. Plumb	"	Flour and feed	"	"
2097	" 25	Grand Rapids Leather Co.	"	Sole leather	"	"
2098	" 26	Bayne Com. Photo Co.	"	Commercial photographs	"	"
2099	" 26	Palmer Laundry	"	Laundry work	"	"
2100	" 26	G'd Rapids Carved Moulding Co.	"	Carved moulding	"	"
2101	" 26	Kent Furniture Manufacturing Co.	"	Furniture	"	"
2102	" 27	Gunn Folding Bed Co.	"	Folding beds	"	"
2103	" 27	Empire Straw Works	"	Ladies and child's hats	"	"
2104	" 28	Harrison Wagon Co.	"	Wagons and sleighs	"	part
2105	" 28	Fuller & Rice Lumber Mfg. Co.	"	Dressed lumber	"	full
2106	" 28	C. F. Nason	"	Lumber	"	"
2107	" 29	Economy Shoe Co.	"	Shoes	"	"
2108	" 30	Haven & Jordan	"	Wire works	"	"
2109	" 30	Willabald Vase	"	Harnesses	"	"
2110	" 30	F. F. Noble	"	Photographs	"	"
2111	Oct. 1	J. Wilhelm & Co.	"	Shoe uppers	"	"
2112	" 12	Childs Mills	"	Wrapping paper	"	"
2113	" 12	Rockford Mills	Rockford	Flour and feed	"	"
2114	" 12	Rockford Veneer Co.	"	Veneering	"	"
2115	" 12	G. S. Curtis	Edgerton	Lumber and heading	"	"
2116	" 12	Munro & Neenan	"	Flour and feed	"	"
2117	Dec. 8	Snyder & Strobe	Morley	Lumber and shingles	"	"
2118	" 8	A. W. Dodge & Co.	"	Clothescins	"	"
2119	" 8	F. J. Potter	Stanwood	Lumber and charcoal	"	"
2120	" 8	Turner Bros.	"	Lumber and feed	"	part
2121	" 8	G. W. Reed	"	Shingles	idle	"
2122	" 10	C. F. Manning	Big Rapids	Lumber	"	"
2123	" 10	Falcon Manufacturing Co., No. 1	"	Furniture	"	"
2124	" 10	" " " " " " " "	"	"	r'ng	part
2125	" 10	C. F. R. North	"	Barrels	"	full
2126	" 10	Eagle Planing Mill	"	Dressed lumber	idle	"
2127	" 10	Big Rapids Furniture Mfg. Co.	"	Furniture	r'ng	full
2128	" 10	Darrah Bros. & Co.	"	Flour and feed	"	"
2129	" 10	J. Hanchett & Bros.	"	Saw sledge and repairs	"	part
2130	" 11	C. B. Skellinger	"	Lumber	"	"
2131	" 11	Jones & Green	"	Building material	"	"
2132	" 11	Trowbridge Bros.	"	Hoops and staves	idle	"
2133	" 11	D. C. Crawford	"	Lumber	"	"
2134	" 11	R. R. Door and Blind Mfg. Co.	"	Sash, doors and blinds	r'ng	part
2135	" 11	Crescent Furniture Mfg. Co.	"	Sideboards	"	full

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	20	20		no		no		\$800	no				10	no	60	yes	no	yes	yes	2087
60	60	10	10						300					10		60					2088
60	60	8												10		60					2089
60	60	80												10		60					2090
60	60	92	92		no		no		8,500	no				10	no	30	yes	no	no	yes	2091
60	60	10	5						300					10		60					2092
60	60	12												10		60					2093
60	60	50												10		60					2094
60	60	50	12		no		no		500	no				10	no	60	yes	no	no	yes	2095
60	60	2	2						90					10		60			yes		2096
60	60	30	30		red.	5			1,080					10		60					2097
60	60	9	4	1	no				460					10		60					2098
60	60	20	4	16					550					10		60			yes		2099
60	60	18	12		red.	10			250					10		60					2100
60	60	250	200			10			6,500		5		yes	10		50	no				2101
60	60	200	100			10			3,500		1			10		50	yes				2102
60	60	175	40	135	no				4,500			6		10	yes	60					2103
60	48	175	90		red.	20			2,500					10	no	60			no		2104
60	60	85	85			10			3,200					10		50			yes		2105
60	60	25	25						600				no	10		60			yes		2106
60	60	7	5	2	no				300					10		60					2107
60	60	3	3						104					10		60					2108
60	60	4	2						200					10		60					2109
60	60	4	3						200					10		60					2110
60	60	3	2	1					100					10		60			yes		2111
72	72	50	38	2					1,000		2		no	70		60					2112
72	72	4	4						200					10		60					2113
60	60	6	6		red.	20			200					10		60					2114
60	60	11	11		no				360					10		60			no		2115
60	60	3	3						156					10		60			yes		2116
60	60	10	7						286					10		60					2117
60	60	15	9	6		red.	5		375					10		60					2118
60	60	36	18			no			825	yes			no	10	no	60					2119
60	30	10	3						75	no				10		60	yes	no	yes	yes	2120
60	60	11								no				10		60					2121
60	60	15												10		60					2122
60	60	48												10		60					2123
60	54	33	20		no		no		1,000	no				10	no	60	yes	no	no	yes	2124
60	60	20	9						800					10		60					2125
60	60	4												10		60					2126
60	60	35	30	1	red.	4	no		1,200	no	1		no	10	no	60	yes	no	yes	yes	2127
60	60	10	10		no				450					10		60					2128
60	48	7	5						200					10		60					2129
60	30	10	10						390					10		60			no		2130
60	30	20	10		red.	10			200					10		60			yes		2131
60	60	80												10		60					2132
60	48	10												10		60					2133
60	48	80	60		no		no		1,500	no				10	no	60	yes	no	yes	yes	2134
60	60	100	65		red.	20			1,800		1		no	10		60					2135

Inspection book No. 46.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2126	Oct. 3	Griffin & Campbell	Portland	General wood work	r'ng	full
2127	" 3	Griffin & Verrity	"	Furniture	"	"
2128	" 3	Portland Manufacturing Co.	"	Washing machines	"	"
2129	" 4	Portland Milling Co.	"	Flour and feed	"	"
2130	" 4	O. E. Robinson	"	Barrels	"	"
2131	" 4	Banfield Furniture Co.	"	Furniture	"	"
2132	" 4	W. T. Selleck	"	Lumber, feed and cider	"	"
2133	" 4	Gothic Mills	Lyons	Flour and feed	"	"
2134	" 4	Beach Manufacturing Co.	"	Windmills	idle	"
2135	" 4	Anchor Mills	Muir	Flour and feed	r'ng	full
2136	" 4	Muir Washing Machine Mfg. Co.	"	Washing machines	idle	"
2137	" 5	Ionia Electric Co.	Ionia	Electric light	r'ng	full
2138	" 5	Capital Wagon Works	"	Wagons	"	"
2139	" 5	R. Hearsey	"	Sash, doors and blinds	"	"
2140	" 5	Ionia City Mills	"	Flour and feed	"	"
2141	" 5	Ionia Steam Laundry	"	Laundry work	"	"
2142	" 5	Cain & Tanbert	"	Carrriages	"	part
2143	" 6	Owl Laundry	"	Laundry work	"	full
2144	" 6	Ionia Gas Light and Coke Co.	"	Gas light and coke	"	"
2145	" 6	Ionia Pottery Co.	"	Flower pots	"	part
2146	" 6	Williams Manufacturing Co.	"	Sash, doors and blinds	"	full
2147	" 6	D. L. & N. R. R. Repair Shops	"	Cars and engine repairs	"	part
2148	Dec. 4	D. D. Way	"	Castings and machinery	"	full
2149	" 4	Belding Manufacturing Co.	Belding	Lumber	idle	"
2150	" 4	Hall Bros. Manufacturing Co.	"	Furniture	r'ng	full
2151	" 4	Belding Manufacturing Co.	"	Refrigerators	"	"
2152	" 5	Belding Bros. & Co.	"	Silk thread	"	part
2153	" 5	Welch Casket Co.	"	Caskets	"	full
2154	" 5	Barton Basket Works	"	Baskets	"	"
2155	" 5	Richardson Silk Co.	"	Silk thread and braid	"	"
2156	" 5	Wilson, Dimmick & Sinclair	"	General wood work	"	part
2157	" 5	Belding Roller Mills	"	Flour and feed	"	full
2158	" 6	Bradley Cigar Co.	Greenville	Cigars	"	"
2159	" 6	F. N. Wright	"	Flows	idle	"
2160	" 6	Middleton Mills	"	Flour and feed	r'ng	full
2161	" 6	Ranney Refrigerator Co.	"	Refrigerators	"	part
2162	" 6	"	"	Lumber	idle	"
2163	" 6	Dwyle & Douglass	"	Dressed lumber	"	"
2164	" 6	R. J. Dwyer	"	Grates	r'ng	part
2165	" 6	C. E. Wright	"	Electric light	"	full
2166	" 6	Wright Bros. & Co.	"	Flour and feed	"	"
2167	" 6	M. R. Dwyer	"	Cigars	"	part
2168	" 6	Stanton Roller Mills	Stanton	Flour and feed	"	full
2169	" 6	James W. Willette	"	General wood work	"	"
2170	" 6	Stobbins Manufacturing Co.	Lakeview	Advertising specialties	"	"
2181	" 6	A. McAlm	"	Staves and heading	"	"
2182	" 6	Macomber & Hale	"	General wood work	"	"
2183	" 6	"	"	Lumber	idle	"
2184	" 6	Skinner & Steenman	Howard City	Sideboards	r'ng	part

District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.		Hours per week at present time.		Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.		Males.	Females.							Males.	Females.									
60	60	5	5			no			no		\$230	no				10	no	60	yes	no	yes	2136	
60	60	7	5								200					10		60				2137	
60	60	20	14			red.	10				500					10		60			yes	2138	
60	60	15	15			no					1,000					10		60				2139	
60	60	17	17			red.	12				550					10		60				2140	
60	60	15	7			no					200					10		60			yes	2141	
60	60	8	8								200					10		60				2142	
60	60	10	10								384					10		60				2143	
60	60	3	3																			2144	
60	60	3	3			no		no			156	no				10	no	60	yes	no	yes	yes	2145
60	60	9	5								245					10							2146
60	60	100	69		1	no		no			3,450	no				10	no	60	yes	no	yes	yes	2147
60	60	4	4								150					10		60					2148
60	60	5	5								150					10		60					2149
60	60	11	4		6						280					10		60					2150
60	45	6	5								195					10		60					2151
60	60	4	2		2						108					10		60					2152
60	60	5	5								235					10		60					2153
60	48	14	11								400					10		60					2154
60	60	25	18								500					10		60					2155
60	54	162	153								5,515					10		60					2156
60	60	3	2								100					10		60					2157
60	60	30																					2158
60	60	50	50			no		no			1,300	no	6		no	10	no	60	yes	no	yes	yes	2159
60	60	135	70								2,000					10		60			no		2160
60	50	350	50		150	red.	10				3,800			3	yes	10	yes	60			yes		2161
60	60	60	58		2	no					2,000					10	no	60			no		2162
60	60	40	40								1,000		1		no	10	yes	60			yes		2163
60	60	340	30		240	red.	10	red.	5		5,000		3	1	10	no	60	60			no		2164
60	48	15	5								150					10		60					2165
60	60	9	7			no					340					10		60			yes		2166
60	60	22	17		5						800					10	yes	60					2167
60	60	25																					2168
60	60	12	10			no		no			600	no				10	no	60	yes	no	yes	yes	2169
60	54	105	105								2,600		2		no	10	yes	60			no		2170
60	60	20																					2171
60	60	10																					2172
60	54	32	15			no		no			550	no				10	no	60	yes	no	yes	yes	2173
60	60	3	3								125					10		60					2174
60	60	6	4								150					10		60					2175
60	48	8	5								300					8		60					2176
60	60	4	4								125					10		60			yes		2177
60	60	18	12					red.	25		280					10		60					2178
60	60	21	21					no			460			1	no	10		60	no		no		2179
60	60	45	20					red.	20		500		4			10		60	yes		yes		2180
60	60	15	15								700					10		60					2181
60	60	40																					2182
60	54	150	139		1	red.	10	no			3,500	no				10	no	60	yes	no	yes	yes	2183

Inspection book No. 47.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1894.						
2183	Oct. 15	Gow & Campbell	N. Muskegon.	Lumber	r'ng	full
2186	" 16	C. G. Alley & Co.	Whitehall	"	idle	"
2187	" 16	Eagle Tanning Works	"	Fancy leather	r'ng	full
2188	" 16	C. E. & M. B. Covell	"	Lumber and lath	"	"
2189	" 16	"	"	Shingles	"	"
2190	" 16	Nufer Cedar Co.	"	"	"	"
2191	" 16	Linderman Manufacturing Co.	"	Boxes, crates, etc.	"	"
2192	" 16	Van Sholik Manufacturing Co.	"	Bicycles and sulky tire	idle	"
2193	" 16	Erickson, Steffes & Co.	"	General woodwork	r'ng	full
2194	" 16	Staples & Covell	"	Lumber and lath	idle	"
2195	" 17	Montague Iron Works	Montague	Engines, boilers, etc.	"	"
2196	" 17	Montague Roller Mills	"	Flour and feed	"	"
2197	" 17	Shelby Stave Factory	Shelby	Staves	idle	"
2198	" 17	Harrison & Abraham	"	Broom handles, etc.	r'ng	full
2199	" 17	Alex Paton	"	Lumber	idle	"
2200	" 17	Sandusky Tool Co.	Hart	Lumber and boxes	r'ng	full
2201	" 17	Senger Bros. & Jenney	"	Canned fruit	"	"
2202	" 17	Hart Handle Co.	"	Broom handles	idle	"
2203	" 18	Pentwater Bedstead Co.	Pentwater	Bedroom suits	r'ng	full
2204	" 18	Sands & Maxwell	"	Lumber	"	"
2205	" 18	J. Halstead	"	Tables	"	part
2206	" 18	Peter Labonta	"	General woodwork	"	full
2207	" 18	Chas. Chapman	"	Shingles and staves	idle	"
2208	" 19	O. N. Taylor	Ladington	Lumber	r'ng	full
2209	" 19	Cartier Lumber Co.	"	"	"	"
2210	" 19	Central Package and Basket Co.	"	Mops	"	"
2211	" 19	Ladington Woodenware Co.	"	Clothespins, handles, etc.	"	"
2212	" 19	Percy Salt Works, B'k No. 1	"	Salt	"	"
2213	" 19	T. R. Lyons	"	Lumber and lath	"	"
2214	" 20	Batters & Peters Salt and Lumber	Battaville	Salt and lumber	"	"
2215	" 20	Mason & Oceana R. R. Shops	"	Car repairs	"	"
2216	" 20	A. R. Ward	Ladington	Lumber	idle	"
2217	" 20	Percy Salt Works, B'k 2	"	Salt	r'ng	full
2218	" 20	Danaher & Melendy Co.	"	Lumber	"	"
2219	" 20	F. Filer, Electric Light Works	"	Electric	"	"
2220	" 21	Industrial Iron Works	"	Machinery, etc.	"	"
2221	" 21	Tiedemann & Ungers	"	General woodwork	"	"
2222	" 21	Pere Marquette Lumber Co.	"	Lumber and salt	"	"
2223	" 21	Pierce Manufacturing Co.	"	Brooms	"	"
2224	" 21	Paul Pomeroy	"	Carbonated drinks	"	part
2225	" 22	Ladington Milling Co.	"	Flour and feed	"	full
2226	" 22	Ladington Shingle Co.	"	Shingles	idle	"
2227	" 22	Pere Marquette Cannery	"	Canned fruits	r'ng	part
2228	" 22	Ladington Boiler Works	"	Boilers and stacks	"	full
2229	" 22	Ladington Iron Works	"	Machinery	"	"
2230	" 22	Cartier Knawelling Co.	"	Turned articles	"	part
2231	" 22	N. Joseph	"	Cigars	"	full
2232	" 22	Ladington Basket Co.	"	Baskets	idle	"
2233	" 22	Marvyn Mumber	"	Cigars	r'ng	full

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60 60	40	40	none	no	no	no	no	no	\$1,400	no	none	none	no	10	no	60	yes	no	yes	yes	2185
60 60	35	35	none	red.	5	no	red.	18	2,200	no	none	none	no	10	no	60	yes	no	yes	yes	2186
60 60	75	75	none	red.	5	no	red.	18	1,375	no	none	none	no	10	no	60	yes	no	yes	yes	2187
60 60	47	35	no	no	no	no	no	18	800	no	3	no	no	10	no	60	no	no	no	no	2188
60 60	31	31	no	no	no	no	no	18	1,000	no	none	no	no	10	no	60	no	no	no	no	2189
60 60	27	27	no	red.	25	no	no	no	100	no	no	no	no	10	no	60	no	no	no	no	2190
60 60	50	3	no	no	no	no	no	no	325	no	none	none	no	10	no	60	yes	no	yes	yes	2191
60 60	9	8	none	no	no	no	no	no	300	no	no	no	no	10	no	60	yes	no	yes	yes	2192
60 60	15	70	no	red.	10	no	no	no	800	no	no	no	no	10	no	60	no	no	no	no	2193
60 60	70	28	no	no	15	no	no	no	220	no	no	no	no	10	no	60	no	no	no	no	2194
60 60	50	5	no	no	no	no	no	no	375	no	none	none	no	10	no	60	yes	no	yes	yes	2195
60 60	12	13	none	no	no	no	no	no	300	no	1	none	no	10	no	60	yes	no	no	yes	2196
60 60	13	13	none	no	no	no	no	no	1,200	no	2	no	no	10	no	60	yes	no	yes	yes	2197
60 60	18	13	none	no	no	no	no	no	5,000	no	7	none	yes	10	no	60	yes	no	yes	yes	2198
60 60	25	13	none	no	no	no	no	no	1,300	no	none	no	yes	10	no	60	no	no	no	no	2199
60 60	120	15	35	no	no	no	no	no	300	no	2	no	no	10	no	60	yes	no	no	yes	2200
60 60	15	200	none	red.	10	no	no	no	1,300	no	none	no	yes	10	no	60	yes	no	yes	yes	2201
60 60	40	40	no	no	10	no	no	no	800	no	no	no	no	10	no	60	no	no	no	no	2202
60 30	14	8	no	no	no	no	no	no	150	no	no	no	no	10	no	60	no	no	no	no	2203
60 60	5	3	no	no	no	no	no	no	2,700	no	none	none	no	10	no	60	yes	no	yes	yes	2204
60 60	70	70	none	red.	16	no	no	no	3,200	no	1	no	no	10	no	60	yes	no	yes	yes	2205
60 60	75	75	no	no	no	no	no	no	300	no	2	no	no	10	no	60	no	no	no	no	2206
60 60	6	6	no	red.	10	inc.	10	10	1,500	no	no	no	no	10	no	60	no	no	yes	no	2207
60 60	50	32	8	no	red.	15	red.	15	2,700	no	3	no	no	10	no	60	no	no	no	no	2208
60 60	77	77	none	no	no	no	no	8	4,000	no	no	no	no	10	no	60	no	no	no	no	2209
60 60	150	150	no	red.	10	no	no	no	11,000	no	6	no	no	10	no	60	no	no	no	no	2210
60 60	600	400	no	red.	10	no	no	no	630	no	no	no	no	10	no	60	no	no	no	no	2211
60 60	11	11	no	no	10	no	no	no	2,500	1	5	none	no	10	no	60	yes	no	yes	yes	2212
60 60	85	34	none	no	red.	10	red.	10	3,300	no	no	no	no	10	no	60	yes	no	yes	yes	2213
60 60	82	60	no	red.	10	no	no	no	800	no	no	no	no	10	no	60	no	no	no	no	2214
60 60	60	7	no	no	no	no	no	no	850	no	no	no	no	10	no	60	no	no	no	no	2215
60 60	20	9	no	no	no	no	no	no	728	no	no	no	no	10	no	60	no	no	no	no	2216
60 60	14	14	no	no	no	no	no	no	4,500	no	3	no	no	10	no	60	no	no	no	no	2217
60 60	115	115	no	red.	10	inc.	10	10	300	no	no	no	no	10	no	60	no	no	no	no	2218
60 60	15	10	no	no	10	inc.	10	10	100	no	1	no	no	10	no	60	no	no	yes	no	2219
60 35	4	2	no	no	no	no	no	no	275	no	no	no	no	10	no	60	no	no	no	no	2220
60 60	9	6	no	no	no	no	no	no	1,600	6	no	no	no	10	no	60	yes	no	yes	yes	2221
60 60	35	9	186	no	no	no	no	no	325	no	no	no	no	10	no	60	no	no	no	no	2222
60 40	175	8	no	no	no	no	no	no	1,000	no	no	no	no	10	no	60	no	no	no	no	2223
60 60	25	12	no	no	no	no	no	no	500	no	no	no	no	10	no	60	no	no	no	no	2224
60 60	30	3	none	no	inc.	10	inc.	10	150	no	1	no	no	8	no	60	no	no	no	no	2225
60 48	50	21	3	no	no	no	no	no	80	1	no	no	no	8	no	60	yes	no	yes	yes	2226
48 48	5	3	none	no	no	no	no	no	no	no	no	no	no	no	no	60	no	no	no	no	2227
60 60	75	3	none	no	no	no	no	no	no	no	no	no	no	no	no	60	no	no	no	no	2228
48 48	4	2	none	no	no	no	no	no	no	no	no	no	no	no	no	60	yes	no	yes	yes	2229

Inspection book No. 48.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2234	Oct. 24	M. A. Agens.....	Ludington	General wood work.....	r'ng	full
2235	" 24	The Daily Mail.....	"	Printed matter.....	"	"
2236	" 24	Star Steam Laundry.....	"	Laundry work.....	"	"
2237	" 24	Lubetsky Bros.....	"	Cigars.....	"	"
2238	" 24	Ludington Appeal.....	"	Printed matter.....	"	"
2239	" 24	Ludington Record.....	"	" ".....	"	"
2240	" 24	Finigan & Wrenker.....	"	Cigars.....	"	"
2241	" 25	Canfield & Wheeler Co.....	Manistee	Lumber and salt.....	"	"
2242	" 25	A. R. Seymour & Co.....	"	Brooms and mops.....	"	"
2243	" 25	Nels Johnson.....	"	Machinery & tower clocks.....	"	part
2244	" 25	Union Boiler Works.....	"	Boilers and stacks.....	"	full
2245	" 25	Jos. Kirster.....	"	Cigars.....	"	"
2246	" 25	City Steam Laundry.....	"	Laundry work.....	"	"
2247	" 26	R. J. B. Newcomb.....	"	Dressed lumber, etc.....	"	part
2248	" 26	Joseph Broadhead.....	"	Saws.....	"	"
2249	" 26	J. C. Pomeroy.....	"	Lumber and shingles.....	"	full
2250	" 26	Michigan Iron Works.....	"	Engines, etc.....	idle	"
2251	" 26	Manistee Brewing Co.....	"	Lager beer.....	r'ng	full
2252	" 26	Manistee Iron Works.....	"	Engines and boilers.....	"	"
2253	" 27	Sands Electric Lighting Co.....	"	Electric light.....	"	"
2254	" 27	Louis Sands.....	"	Lumber.....	"	"
2255	" 27	" ".....	"	Shingles.....	"	"
2256	" 27	" ".....	"	Salt.....	"	"
2257	" 27	M. & N. E. R. R. Shops.....	"	Repairing cars.....	"	"
2258	" 27	Buckley & Douglass Lumber Co.....	"	Lumber, lath, etc.....	"	"
2259	" 29	Wm. Batty & Son.....	"	Saws.....	"	"
2260	" 29	State Lumber Co.....	"	Salt.....	"	"
2261	" 31	" ".....	"	Lumber, lath, etc.....	"	"
2262	" 31	Manistee, Filer & East L. Ry. P. H.....	"	Electricity, etc.....	"	"
2263	" 31	Babcock Lumber Co.....	"	Shingles.....	"	"
2264	" 31	J. O. Nesson.....	"	Salt.....	"	"
2265	" 31	" ".....	"	Lumber and shingles.....	idle	"
2266	" 31	Stokoe & Nelson.....	Filer City	Shingles.....	r'ng	full
2267	Nov. 1	White, Friant & Co.....	"	Lumber.....	"	"
2268	" 1	Filer & Sons.....	"	" lath, etc.....	"	"
2269	" 1	Union Lumber and Salt Co.....	Stronach	Salt.....	"	"
2270	" 1	M. A. Hopper.....	"	Lumber and shingles.....	"	"
2271	" 1	" ".....	"	" lath, etc.....	idle	"
2272	" 2	Canfield Salt & Lum. Co. (E. Mill)	Eastlake	" ".....	r'ng	full
2273	" 2	" ".....	"	Salt.....	"	"
2274	" 2	R. G. Peters Salt and Lumber Co.....	"	" lumber, etc.....	"	"
2275	" 2	Manistee Advocate.....	Manistee	Printed matter.....	"	"
2276	" 3	Manistee Manufacturing Co.....	"	Furniture.....	"	part
2277	" 3	North Side Planing Mill.....	"	Dressed lumber.....	"	full
2278	" 3	Manistee Emery Wheel Co.....	"	Emery wheels.....	"	"
2279	" 3	City Planing Mill.....	"	Building material.....	"	part
2280	" 3	Manistee Daily News.....	"	Printed matter.....	"	full
2281	" 8	Canfield Salt & Lum. Co. (Ch. Mill)	Eastlake	Lumber.....	"	"
2282	" 8	" ".....	"	Salt.....	"	"

District No. 3.

Louis C. F. Hintz, Deputy Inspector.

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				Males.	Females.	Males.	Females.							Males.	Females.									
60	60	10	7	none	no	--	no	--	\$305	no	1	none	no	10	no	60	yes	no	yes	2234				
60	60	5	3	2	"	--	"	--	170	"	1	"	"	10	"	60	"	"	yes	2235				
60	60	8	2	6	"	--	"	--	160	"	none	"	"	10	"	60	"	"	"	2236				
48	48	6	4	none	"	--	"	--	150	"	1	"	no	8	"	60	"	"	"	2237				
60	60	5	3	2	"	--	"	--	200	"	none	"	"	10	"	60	"	"	yes	2238				
60	60	5	5	none	"	--	"	--	200	"	"	"	"	10	"	60	"	"	"	2239				
48	48	8	4	"	"	--	"	--	200	"	"	"	"	8	"	60	"	"	"	2240				
60	60	185	144	21	"	--	red.	10	5,500	"	"	"	"	10	"	60	"	"	yes	2241				
60	60	10	4	1	"	--	"	--	175	"	1	"	"	10	"	60	"	"	"	2242				
60	48	11	7	1	"	--	no	--	300	no	"	"	"	10	"	60	"	"	yes	2243				
60	60	24	6	none	"	--	"	--	280	"	"	"	"	10	"	60	"	"	"	2244				
48	48	7	7	"	"	--	"	--	220	"	"	"	"	8	"	60	"	"	"	2245				
60	60	8	4	2	"	--	"	--	125	"	"	"	"	10	"	60	"	"	yes	2246				
60	54	40	15	none	"	--	red.	12	550	"	"	"	"	10	"	60	"	"	no	2247				
60	30	10	4	"	"	--	no	--	250	"	"	"	"	10	"	60	"	"	yes	2248				
60	60	70	70	"	"	--	"	--	250	"	3	"	no	10	"	60	"	"	"	2249				
60	13	"	"	"	"	--	"	--	"	"	"	"	"	"	"	"	"	"	"	2250				
60	60	12	12	none	no	--	no	--	625	no	none	none	"	10	no	60	yes	no	yes	2251				
60	60	100	25	"	"	--	"	--	2,000	"	"	"	"	10	"	60	"	"	"	2252				
60	"	17	17	"	"	--	"	--	800	"	"	"	"	10	"	60	"	"	"	2253				
60	60	108	106	"	"	--	"	--	3,825	"	4	"	no	10	"	60	"	"	"	2254				
60	60	70	70	"	"	--	"	--	2,100	"	1	none	"	10	"	60	"	"	"	2255				
60	60	70	70	"	"	--	"	--	2,080	"	"	"	"	10	"	60	"	"	"	2256				
60	60	18	12	"	"	--	"	--	954	no	"	"	"	10	"	60	"	"	"	2257				
60	60	400	325	"	red.	10	inc.	10	11,500	"	7	"	yes	10	"	60	"	"	"	2258				
60	60	5	3	"	no	--	no	--	175	"	none	"	"	10	"	60	"	"	"	2259				
60	60	70	70	"	"	--	red.	5	2,500	"	3	"	no	10	"	60	"	"	"	2260				
60	60	190	190	"	"	--	"	--	6,500	no	6	"	"	10	"	60	"	"	no	2261				
60	60	9	9	"	red.	12	inc.	12	575	"	none	"	"	10	"	60	"	"	yes	2262				
60	60	50	50	"	"	--	no	--	1,800	"	1	"	no	10	"	60	"	"	"	2263				
60	60	67	51	"	no	--	"	--	1,550	"	5	"	"	10	"	60	"	"	no	2264				
60	"	75	"	"	"	--	"	--	"	"	"	"	"	"	"	"	"	"	"	2265				
60	60	62	62	none	no	--	red.	5	2,300	no	1	none	no	10	no	60	yes	no	yes	2266				
60	60	60	60	"	"	--	"	--	3,500	"	none	"	"	10	"	60	"	"	"	2267				
60	60	150	150	"	"	--	"	--	5,000	2	1	"	no	10	"	60	"	"	"	2268				
60	60	40	40	"	"	--	no	--	1,000	no	none	"	"	10	"	60	"	"	"	2269				
60	60	100	73	"	"	--	red.	15	3,600	"	3	"	no	10	"	60	"	"	"	2270				
60	"	100	"	"	"	--	"	--	"	"	"	"	"	"	"	"	"	"	"	2271				
60	60	203	203	none	red.	20	no	--	5,500	no	3	none	yes	10	no	60	yes	no	yes	2272				
60	60	40	40	"	"	--	"	--	1,350	"	none	"	"	10	"	60	"	"	"	2273				
60	60	600	600	"	"	--	red.	20	20,000	"	8	"	no	10	"	60	"	"	"	2274				
60	60	4	3	1	"	--	no	--	100	"	none	"	"	10	"	60	"	"	no	2275				
60	48	100	40	none	red.	10	red.	10	1,000	"	5	"	no	10	"	60	"	"	yes	2276				
60	60	8	3	"	"	--	red.	15	145	"	none	"	"	10	"	60	"	"	no	2277				
60	60	4	4	"	"	--	no	--	150	"	"	"	"	10	"	60	"	"	yes	2278				
60	30	10	4	"	red.	10	"	--	150	"	"	"	"	10	"	60	"	"	no	2279				
60	60	14	9	5	"	--	"	--	450	"	"	"	"	10	"	60	"	"	yes	2280				
60	60	16	60	none	red.	20	"	--	2,000	"	"	"	"	10	"	60	"	"	"	2281				
60	60	18	18	"	"	--	"	--	550	"	"	"	"	10	"	60	"	"	"	2282				

Inspection book No. 49.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
12345	1894,					
12346	Nov.	Manistee Lumber Co.	Manistee	Lumber and salt	ring	full
12347	"	Rareka Lumber Co.	"	Salt, barrels and lath	"	"
12348	"	H. E. Roy	"	Lumber	"	"
12349	"	Manistee Printing Co.	"	Cigars	"	"
12350	"			Printed matter	"	"
12351	"	Comfort Bros.	"	Cigars	"	"
12352	"	James Finan	"	"	"	"
12353	"	Frank Hall	"	"	"	part
12354	"	Frank Nichols	Copemish	Dressed lumber	idle	"
12355	"	Frank Krein	"	Hames, slats, etc.	ring	full
12356	"	Chapman & Sargent	"	Wooden bowls and trays	"	"
12357	"	Copemish Roller Mills	"	Floor and feed	"	"
12358	"	C. A. Hunt	Thompsonville	Lumber and shingles	"	"
12359	"	I. W. Bowen	"	Shingles	idle	"
12360	"	L. G. Danton	"	Lumber	"	"
12361	"	Thompson Lumber Co.	"	Hardwood flooring	ring	full
12362	"		"	Lumber	idle	"
12363	"	The Crane Lumber Co.	Frankfort	Dressed lumber	"	"
12364	"	Crane Manufacturing Co.	"	Lumber	"	"
12365	"	D. R. Butler	"	"	"	"
12366	"	Bellon Bros.	"	"	"	"
12367	"	Hille Bros.	"	Shingles	"	"
12368	"	J. Coarvill	"	Interior finish	ring	full
12369	"	F. E. Markham	"	Machinery	idle	"
12370	"	Watervale Manufacturing Co.	Watervale	Lumber and shingles	"	"
12371	"	T. C. Darrow & Co.	Sherman	Lumber	"	"
12372	"	Meppen, Lininger & Co.	"	Hoops	"	"
12373	"	D. M. Clinton	"	Lumber	"	"
12374	"	Wm. Habbeker	Lake Ann	Staves, headings, etc.	"	"
12375	"					
12376	"	Empire Lumber Co.	Empire	Lumber	ring	full
12377	"			Shingles	idle	"
12378	"	Wm. Mosher	Leland	"	"	"
12379	"	Swartz & Son	"	Lumber and shingles	"	"
12380	"	Orinick Bros.	Norrieville	Hardwood lumber	"	"
12381	"					
12382	"	Elmwood Manufacturing Co.	"	Building material	"	"
12383	"	John Ford & Son	Traverse City	Harness leather	ring	full
12384	"	Smith Bros.	"	Building material	idle	"
12385	"	J. E. Orinick & Co.	"	"	ring	full
12386	"	Traverse Bay Range	"	Printed matter	"	"
12387	"					
12388	"	Calhoun & Larkin	"	Wagon and sleighs	"	"
12389	"	Traverse City Lumber Co.	"	Lumber	idle	"
12390	"	N. S. Keweenaw & Son	"	Spoke sorted	ring	full
12391	"	John A. Wilson	"	Hame woods, etc.	idle	"
12392	"	Grand Traverse Herald	"	Printed matter	ring	full
12393	"					
12394	"	V. & A. Poverty	"	Wagon and sleighs	"	"
12395	"	Wm. Jackson	"	Machinery	"	part
12396	"	Honzak Lay & Co.	"	Floor and feed	"	full
12397	"	Traverse City Iron Works	"	Machinery	"	"

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	87	87	none	red.	6	no	---	\$3,500	no	2	none	no	10	no	60	yes	no	yes	yes	2283
60	60	89	89	"	"	"	"	---	2,806	"	8	yes	"	10	yes	60	"	"	"	"	2284
60	60	63	63	"	"	4	"	---	3,089	"	none	"	---	8	no	60	"	"	no	"	2285
48	48	4	4	"	no	"	"	---	125	"	"	"	---	8	"	60	"	"	"	"	2286
60	60	5	3	"	"	"	"	---	100	"	"	"	---	10	"	60	"	"	yes	"	2287
60	60	35	7	2	"	"	"	---	450	"	"	1	no	10	"	60	"	"	"	"	2288
48	48	8	4	none	"	"	"	---	250	"	"	none	---	8	"	60	"	"	---	"	2289
48	24	7	4	"	"	"	"	---	90	"	"	"	---	8	"	60	"	"	---	"	2290
60	60	25	16	none	no	red.	12	---	750	no	none	none	---	10	no	60	yes	no	no	yes	2291
60	60	10	8	"	red.	12	no	---	225	"	"	"	---	10	"	60	"	"	"	"	2292
60	60	4	3	"	no	"	"	---	150	"	"	"	---	10	"	60	"	"	yes	"	2293
60	60	18	7	"	red.	33	"	---	175	"	"	"	---	10	"	60	"	"	"	"	2294
---	---	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2295
---	---	18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2296
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2297
60	60	25	25	none	no	no	---	---	700	no	none	none	---	10	no	60	yes	no	yes	yes	2298
---	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2299
---	---	65	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2300
---	---	35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2301
---	---	32	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2302
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2303
---	---	31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2304
---	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2305
60	60	6	3	none	no	red.	12	---	125	no	none	none	---	10	no	60	---	---	---	---	2306
---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2307
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2308
---	---	17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2309
---	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2310
---	---	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2311
---	---	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2312
60	60	81	81	none	no	red.	5	---	3,000	no	none	none	---	10	no	60	yes	no	no	yes	2313
---	---	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2314
---	---	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2315
---	---	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2316
---	---	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2317
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2318
60	60	40	4	none	no	no	---	---	175	no	none	none	---	10	no	60	yes	no	yes	yes	2319
---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2320
60	60	60	30	none	no	red.	10	---	1,600	no	none	none	---	10	no	60	yes	no	yes	yes	2321
60	60	12	8	4	no	no	---	---	450	"	"	"	---	10	"	60	"	"	"	"	2322
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2323
60	60	12	10	none	"	"	"	---	375	"	"	"	---	10	"	60	"	"	"	"	2324
---	---	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2325
60	60	50	8	22	red.	16	no	---	800	1	none	none	---	10	no	60	yes	no	yes	yes	2326
---	---	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2327
60	60	20	9	7	no	no	---	---	585	no	none	none	---	10	no	60	yes	no	yes	yes	2328
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2329
60	60	18	13	none	"	"	"	---	600	"	"	"	---	10	"	60	"	"	"	"	2330
60	50	8	2	"	"	"	"	---	120	"	"	"	---	10	"	60	"	"	"	"	2331
72	72	14	14	"	"	"	"	---	650	"	"	"	---	10	"	60	"	"	"	"	2332
60	60	25	9	"	"	"	"	---	400	"	"	"	---	10	"	60	"	"	"	"	2333

Inspection book No. 55.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1894.						
2576	Nov. 17	Wells, Higman & Co.	Traverse City	Baskets & fruit packages	idle	full
2577	" 17	Fulgham Manufacturing Co.	"	Patent specialties	r'ng	full
2578	" 17	Oval Wood dish Co.	"	Wooden butter dishes	"	"
2579	" 17	Wm. Beltner	"	Lumber, chairs, etc.	idle	"
2580	" 19	Alfred W. Jahrans	"	Cigars	r'ng	full
2581	" 19	Star Steam Laundry	"	Laundry work	"	"
2582	" 19	Acme Potato Planter Co.	"	Potato planters	idle	"
2583	" 19	A. W. Waite	"	Interior finish	r'ng	part
2584	" 19	Grellick Bros.	"	Lumber	idle	"
2585	" 19	Geo. Stelmel, Jr.	Suttons Bay	"	"	"
2586	" 19	Elk Rapids Iron Co.	Elk Rapids	"	r'ng	full
2587	" 19	" " " "	"	Pig iron	"	"
2588	" 19	" " " "	"	Chemicals	"	"
2589	" 20	Richardi & Bechthold	Bellaire	Wooden trays and bowls	"	"
2590	" 20	Henry Richardi	"	Woodenware specialties	"	"
2591	" 20	Thos. Tindle & Co.	"	Cooperage stock	idle	"
2592	" 20	Wm. N. Davenport	"	Shingles	"	"
2593	" 21	G. H. Bradford	Central Lake	Lumber	"	"
2594	" 21	Cameron Lumber Co.	"	Dressed lumber	r'ng	full
2595	" 21	" " " "	"	"	"	"
2596	" 21	Ellsworth Lumber Co.	Ellsworth	Shingles	idle	"
2597	" 21	" " " "	"	Lumber	"	"
2598	" 21	Charlevoix Lumber Co.	Charlevoix	" etc.	r'ng	full
2599	" 21	" " " "	"	"	idle	"
2600	" 21	Charlevoix Roller Mills	"	Flour and feed	r'ng	full
2601	" 22	Enterprise Manufacturing Co.	"	Mouldings, brackets, etc.	idle	"
2602	" 22	D. M. Ferry & Co.	"	Seeds sorted	"	"
2603	" 22	Francis & Burns	"	Interior finish, etc.	r'ng	part
2604	" 22	G. G. Williams	"	Wooden bowls	"	full
2605	" 22	East Jordan Lumber Co. No. A	East Jordan	Lumber	idle	"
2606	" 22	" " " " " B	"	"	"	"
2607	" 22	" " " " " planing mill	"	"	"	"
2608	" 22	South Arm Lumber Co.	"	Dressed lumber, etc.	"	"
2609	" 22	C. A. Barker	"	Lumber	"	"
2610	" 23	Winsor Woodenware Co.	Petoakey	Woodenware	r'ng	full
2611	" 23	Birkett Bros.	"	" and chairs	"	"
2612	" 23	Bull, Banerle & Jones	"	"	"	"
2613	" 23	W. L. McManns	"	Building material	"	"
2614	" 23	" " " "	"	Lumber	"	"
2615	" 23	Forman & Curtis	"	Maple flooring	"	part
2616	" 23	James Buckley	"	Broom handles	"	full
2617	" 23	Bayne & Chapman	"	"	"	part
2618	" 24	W. A. Blakley	"	Interior finish	"	"
2619	" 24	Burnett Foundry & Machine W'ks.	"	Machinery	"	full
2620	" 24	Petoakey Iron Works	"	"	"	"
2621	" 24	Petoakey Furniture Co.	"	Furniture	"	"
2622	" 24	White Swan Steam Laundry	"	Laundry work	"	part
2623	" 24	W. W. Rice Leather Co.	Kegomic	Sole leather	"	full
2624	" 24	Carey Hoop Co.	Harbor Spr'gs	Hoops	idle	"

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Louis C. F. Hintz, Deputy Inspector.

[illegible]

Inspection book No. 56.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2625	Nov. 24	A. G. Wilbur	Harbor Spr'gs	Wooden ware	idle	-----
2626	" 24	E. Shay & Son	"	Machinery	r'ng	full
2627	" 24	Thos. Kneale	"	Lumber	"	"
2628	" 26	Newberry & Thompson Shingle Co.	Conway	Shingles	idle	-----
2629	" 26	L. C. Whittier	Alanson	"	"	-----
2630	" 26	Geo. Sinclair & Co.	"	Package stock	"	-----
2631	" 26	Geo. B. DeForest	"	Wooden bowls	r'ng	full
2632	" 26	Alanson Manufacturing Co.	"	Lumber and heading	"	part
2633	" 26	Hinckley Bros.	Brutus	Staves	idle	-----
2634	" 26	M. Palmer	Levering	Lumber and handles	r'ng	full
2635	" 26	Walker Bros.	"	Broom handles	idle	-----
2636	" 27	Buckley & Peterson	Clarion	Handles and chair stock	"	-----
2637	" 27	Wm. H. White	Boyne Falls	Lumber	"	-----
2638	" 27	Wm. Mears & Co.	"	Handles and chair stock	r'ng	full
2639	" 27	Boyne City Lumber Co.	Boyne City	Lumber	idle	-----
2640	" 27	Wm. H. White & Co.	"	Lumber and chair stock	"	-----
2641	" 27	Godfrey Van Platen	Advance	Lumber	"	-----
2642	" 28	V. L. Parsons & Co.	Elmira	Lumber and staves	r'ng	full
2643	" 28	Harvey Schuyler	"	Hoops	idle	-----
2644	" 28	Antrim Iron Co.	Mancelona	Pig iron	"	-----
2645	" 28	Antrim Chemical Co.	"	Chemicals	"	-----
2646	" 28	Mancelona Manufacturing Co.	"	Building material	r'ng	full
2647	" 28	C. F. Ackley	"	Lumber	"	-----
2648	" 28	Mancelona Handle Co.	"	Broom handles	"	"
2649	" 28	Mancelona Hoop Co.	"	Hoops	idle	-----
2650	Dec. 11	Michigan Cigar Co.	Big Rapids	Cigars	r'ng	full
2651	" 11	Evening Bulletin and Herald	"	Printed matter	"	"
2652	" 11	Big Rapids Pioneer	"	"	"	"
2653	" 12	Welsh Manufacturing Co.	Reed City	Dressed lumber	"	part
2654	" 12	Wenzel Bros.	"	Shingles	idle	-----
2655	" 12	Lowell Manufacturing Co.	"	Staves and heading	r'ng	part
2656	" 12	Peacock Planing Mill	"	Dressed lumber	"	-----
2657	" 12	Reed City Woolen Mills	"	Wool carding and yarn	"	full
2658	" 12	Benjamin Machine Co.	"	Machinery	"	"
2659	" 12	D. F. Lewis & Co.	"	Wooden bowls	"	"
2660	" 12	W. B. Miller	"	Shingles	idle	-----
2661	" 12	Wm. Homer	"	Maple flooring	r'ng	full
2662	" 12	Amos Rosenberg	"	Lumber	"	part
2663	" 13	Champion Tool and Handle Co.	Ewart	Logging tools	"	full
2664	" 13	Shores Bros.	"	Lumber	idle	-----
2665	" 13	Chas. A. Waffle	"	Wooden bowls	r'ng	part
2666	" 13	McDonald & Jacklin	"	Shingles	"	full
2667	" 13	C. D. Angevine	"	"	"	-----
2668	" 13	Belanger Tool Co.	"	Logging tools	"	part
2669	" 13	C. E. Fenton	"	Staves and heading	idle	-----
2670	" 14	F. A. Diggins	Cadillac	Lumber	"	-----
2671	" 14	Cobb & Mitchell Mill 1	"	Lumber and lath	"	-----
2672	" 14	" " " 2	"	"	"	-----
2673	" 14	Haynes Bros.	"	Dressed lumber	r'ng	part

SECOND ANNUAL REPORT.

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District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1898?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	8	32	4		no		no		\$145	no				10	no	60	yes	no	yes	yes	2625
60	25	25	12		"		"		407	"				10	"	"	"	"	"	"	2626
60	9	9																			2627
60	20	20	9		red.	10	no		805	no				10	no	60	yes	no	yes	yes	2630
60	54	20	20		"	10	"		600	"				10	"	60	"	"	"	"	2631
60	12	18																			2632
60	18	11			red.	20	no		350	no				10	no	60	yes	no	yes	yes	2633
60	12																				2634
60	40																				2635
60	15																				2636
60	10		10		no		red.	10	300	no				10	no	60	yes	no	yes	yes	2637
60	25																				2638
60	32																				2639
60	25																				2640
60	27		27		no		no		1,000	no	2		no	10	no	60	yes	no	no	yes	2641
60	10																				2642
60	150																				2643
60	6																				2644
60	25		10		no		red.	8	400	no				10	no	60	yes	no	no	yes	2645
60	5		5		"		no		170	"				10	"	60	"	"	"	"	2646
60	40		40		"		"		2,500	"				10	"	60	"	"	yes	"	2647
60	12																				2648
60	10		5	3	no		no		328	no				10	no	60	yes	no	yes	yes	2649
60	7		5	2	"		"		180	"				10	"	60	"	"	"	"	2650
60	8		5	3	"		"		250	"				10	"	60	"	"	"	"	2651
60	40		22		"		"		1,000	"	1		no	10	"	60	"	"	"	"	2652
60	32																				2653
60	65		25		red.	10	no		675	no	1		no	10	no	60	yes	no	yes	yes	2654
60	23		5		"	12	"		200	"				10	"	60	"	"	"	"	2655
60	12		8	4	no		"		500	"				10	"	60	"	"	no	"	2656
60	9		9		"		"		350	"				10	"	60	"	"	"	"	2657
60	7		7		"		red.	25	155	"				10	"	60	"	"	yes	"	2658
60	13																				2659
60	20		10		no		no		400	no				10	no	60	yes	no	no	yes	2660
60	25		25		"		red.	20	500	"				10	"	60	"	"	yes	"	2661
60	30		14		"		no		425	"				10	"	60	"	"	"	"	2662
60	9																				2663
60	7		4		no		no		182	no				10	no	60	yes	no	no	yes	2664
60	9		9		"		"		300	"				10	"	60	"	"	"	"	2665
60	9		7		"		"		300	"				10	"	60	"	"	no	"	2666
60	10		5		"		"		90	"				10	"	60	"	"	yes	"	2667
60	65																				2668
60	35																				2669
60	25																				2670
60	36																				2671
60	30		14		no		no		400	no				10	no	60	yes	no	yes	yes	2672

Inspection book No. 61.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1894.						
2869	Dec. 14	J. Cornwell & Son.....	Cadillac	Flour and feed	r'ng	full
2870	" 14	Cadillac Steam Laundry.....	"	Laundry work	"	"
2871	" 14	Wm. McAdie & Co.....	"	Machinery	"	part
2872	" 14	Crescent Wood Co.....	"	Fire wood	"	"
2873	" 15	Cadillac Electric and Water Co.....	"	Electric light	"	full
2874	" 15	Cummer & Diggins.....	"	Lumber and lath	"	part
2875	" 15	" ".....	"	" ".....	"	full
2876	" 15	Blodgett, Cummer & Diggins.....	"	Dressed lumber	"	part
2877	" 15	Cummer Manufacturing Co.....	"	Ladders & cloth'g forms	idle	"
2878	" 15	Ovid Manufacturing Co.....	"	Fruit packages	"	"
2879	" 15	Cadillac Handle Co.....	"	Broom handles	r'ng	full
2880	" 15	Cadillac Stave and Heading Co.....	"	Staves and heading	idle	"
2881	" 17	Eybold & Clausen.....	"	Cigars	r'ng	full
2882	" 17	Louis Bands.....	Lake City	Lumber and shingles	"	"
2883	" 17	" ".....	"	Dressed lumber	"	"
2884	" 17	Edw. Lapham.....	"	Lumber and lath	idle	"
2885	" 17	Manton.....	"	" " shingles	"	"
2886	" 17	Williams Bros.....	"	Last blocks	r'ng	full
2887	" 17	Green & Son.....	"	Chair stock	idle	"
2888	" 17	O. C. Kraft.....	"	Lumber	"	"
2889	" 17	Trueman Bros.....	"	" and shingles	r'ng	full
2890	" 17	C. W. Millard & Co.....	"	Staves	idle	"
2891	" 17	W. H. Campbell.....	"	Chair stock	r'ng	full
2892	" 18	E. Hagadorn.....	Fife Lake	Lumber and handles	"	"
2893	" 18	C. T. Fox.....	"	Staves	"	part
2894	" 18	W. L. Tolbert.....	"	Broom handles	"	full
2895	" 18	Todd & Green.....	"	Wooden bowls	idle	"
2896	" 18	Freeman Manufacturing Co.....	Kalkaska	Woodenware	"	"
2897	" 18	Soper & Terry.....	"	Lumber	"	"
2898	" 18	Frank Smith.....	"	Shingles	"	"
2899	" 18	Smith Lumber Co.....	"	Lumber	"	"
2900	" 19	I. L. Quinby.....	S. Boardman	"	"	"
2901	" 19	Utter & Clover.....	"	"	r'ng	full
2902	" 19	Michigan Handle Works.....	"	Broom handles	"	"
2903	" 19	Gould & Alling.....	Alba	Staves	idle	"
2904	" 19	Alba Handle Co.....	"	Broom handles	"	"
2905	" 20	Sullivan Lumber Co.....	Wallin	Lumber	"	"
2906	" 20	W. E. Williams.....	Baldwin	Shingles	"	"
2907	" 20	J. E. Stearns.....	Stearns	Lumber	"	"
2908	" 20	" ".....	"	"	r'ng	full
2909	" 20	" ".....	"	Dressed lumber	"	part
2910	" 22	Converse Manufacturing Co.....	Newaygo	Furniture	"	full
2911	" 22	" ".....	"	Lumber and shingles	"	part
2912	" 22	" ".....	"	"	idle	"
2913	" 22	Welch Folding Bed Co.....	Sparta	Folding beds	r'ng	full
2914	" 22	Sparta Brick and Tile Co.....	"	Brick and tile	idle	"
2915	" 22	Geo. W. Sharer.....	Cedar Springs	Staves and heading	"	"
2916	" 22	Chauncey Felton.....	"	Lumber	"	"
2917	" 22	J. H. Worden.....	"	" and furniture	r'ng	full

District No. 3.

Louis C. F. Hintz, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	7	5		no		no		\$235	no				10	no	60	yes	no	yes	yes	2889
60	60	7	3		"		"		125	"				10	"	60	"	"	"	"	2870
60	57	25	16		"		"		600	"				10	"	60	"	"	"	"	2871
* 60	40	9	9		"		"		175	"				10	"	60	"	"	"	"	2872
* 60	40	9	9		red.	10	"		425	"				10	"	60	"	"	"	"	2873
60	48	32	32		"	10	"		1,500	"				10	"	60	"	"	"	"	2874
60	60	34	34		"	10	"		1,500	"				10	"	60	"	"	"	"	2875
60	48	48	48		"	10	"		1,400	"				10	"	60	"	"	"	"	2876
60	20	20																			2877
60	60	60																			2878
60	60	39	39		no		red.	10	1,500	no				10	no	60	yes	no	yes	yes	2879
60	60	85																			2880
48	48	15	13	2	no		no		600	no				8	no	60	yes	no	yes	yes	2881
60	60	125	125		red.	15	"		4,200	"	1			10	"	60	"	"	no	"	2882
60	60	11	11		"	15	"		360	"				10	"	60	"	"	"	"	2883
60	40	40																			2884
60	60	56																			2885
60	60	15	15		no		no		487	no				10	no	60	yes	no	yes	yes	2886
60	60	16																			2887
60	17																				2888
60	60	15	15		no		red.	15	520	no				10	no	60	yes	no	no	yes	2889
60	22																				2890
60	60	8	8		no		no		360	no				10	no	60	yes	no	yes	yes	2891
60	60	25	22		"		"		800	"				10	"	60	"	"	yes	"	2892
60	60	30	23		"		"		725	"	1		no	16	"	60	"	"	no	"	2893
60	60	20	20		"		"		650	"	1		"	10	"	60	"	"	"	"	2894
60	7																				2895
60	85																				2896
60	18																				2897
60	12																				2898
60	35																				2899
60	25																				2900
60	60	21	21		no		no		714	no				10	no	60	yes	no	no	yes	2901
60	60	32	32		"		"		1,000	"	2		no	10	"	60	"	"	"	"	2902
60	40																				2903
60	41																				2904
60	40																				2905
60	30																				2906
60	25																				2907
60	60	80	35		red.	15	red.	10	1,200	no	2		no	10	no	60	yes	no	yes	yes	2908
60	48	225	118		"	15	"	10	3,300	yes	10		"	10	"	60	"	"	"	"	2909
60	60	135	90		no		no		3,800	no	10		yes	10	"	60	"	"	no	"	2910
60	54	35	29		red.	10	"		850	"	2		"	10	"	60	"	"	yes	"	2911
60	22																				2912
60	60	175	120		red.	10	no		3,200	no	3		yes	10	no	60	yes	no	yes	yes	2913
60	15																				2914
60	30																				2915
60	10																				2916
60	60	14	14		no		no		450	no				10	no	60	yes	no	yes	yes	2917

* 168 hours.

Inspection book No. 62.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2918	Dec. 22	Cedar Springs Milling Co.....	Cedar Springs	Shingles.....	idle	full
2919	" 27	O. H. Rowland.....	Hesperia	Lumber and handles.....	"	"
2920	" 27	David Quay.....	"	Staves and heading	"	"
2921	" 27	Fremont Furniture Co.....	Fremont.....	Furniture	"	"
2922	" 27	D. Gerber & Son	"	Sole leather	ring	"
2923	" 28	K. Mulder.....	"	Lumber	idle	"
2924	" 28	George Burns & Son.....	"	"	"	"
2925	" 28	Darling Milling Co.....	"	Flour and feed.....	ring	"
2926	" 28	Merchant & Hungerford.....	"	Lumber	idle	"

District No. 3.

Louis C. F. Hintz, Deputy Inspector.

	Hours per week, running full time.		Number employees when running full capacity.	Number employes at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
	Males.	Females.		Males.	Females.							Males.	Females.									
60	8																					2918
60	10																					2919
60	16																					2920
60	24																					2921
60 60	30	30		no		no				\$900	no				10	no	60	yes	no	yes	yes	2922
60	12																					2923
60	18																					2924
60 60	6	6		no		no				300	no				10	no	60	yes	no	yes	yes	2925
60	12																					2926

Inspection book No. 6.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
239	Aug. 17	McClellan File Co.	Saginaw	Files and rasps	r'ng	part
240	" 17	Hemmeter Cigar Co.	"	Cigars	"	full
241	" 17	Wolverine Cigar Co.	"	"	"	"
242	" 18	Stenglein Manufacturing Co.	"	Furniture	"	"
243	" 18	Theo. Bruno	"	Stave machines	"	"
244	" 20	Saginaw Box Co.	"	Boxes	"	"
245	" 21	Keystone Manufacturing Co.	"	Shades and rollers	"	"
246	" 21	Ferrell, Prame & Oxier	"	Seed cleaners	"	"
247	" 21	Crume, Sefton Manufacturing Co.	"	Butter dishes	"	"
248	" 23	Palmerton Woodenware Co.	"	Tubs, pails, etc.	"	"
249	" 23	Luffkin Rule Co.	"	Rules and tapes	"	"
250	" 23	Peninsular Carriage Co.	"	Carriage wood work	idle	"
251	" 23	Beelman Furniture Co.	"	Furniture	r'ng	full
252	" 24	H. Passolt	"	Soaps	"	"
253	" 24	A. W. Wright Lumber Co.	"	Dressed lumber	"	part
254	" 25	John G. Schemm	"	Beer, porter & soft drinks	"	full
255	" 25	A. W. Wright Lumber Co.	"	Lumber and salt	"	"
256	" 25	Eagle Brewery	"	Beer	"	"
257	May 1	Brand & Hardin	"	Flour and feed	"	part
258	" 1	"	"	Shingles and salt	"	full
259	" 1	D. Hardin & Co.	"	Sash, doors and blinds	"	"
260	" 2	Bliss & VanAnken	"	Lumber and salt	"	"
261	" 5	Frank Pohlman & Co.	"	Cigars	"	"
262	" 7	Saginaw Manufacturing Co.	"	Washboards, pulleys, etc.	"	"
263	" 8	Jas. T. Wylie & Co.	"	Hoops	"	"
264	" 9	E. A. Grde	"	Staves	"	"
265	" 9	Thos. Tindle & Co.	"	Barrel heading	"	"
266	" 9	Stone Bros.	"	Shingles and salt	"	"
267	" 10	E. R. Ayres Lumber Co.	"	Dressed lumber, etc.	"	part
268	" 10	Linton Manufacturing Co.	"	"	"	full
269	" 11	John Deibel, Jr.	"	Cigars	"	"
270	" 11	C. F. M. Deibel	"	"	"	"
271	" 11	Wm. Williamson	"	Machinery and wood w'k	"	"
272	" 11	Wall & Webber	"	Lumber, lath and salt	"	"
273	" 12	Gebhart & Estabrook	"	" and boxes	"	"
274	" 12	"	"	" and salt	"	"
275	" 12	Michigan Lumber Co.	"	"	"	"
276	" 14	Morley Bros.	"	Lumbering tools, etc.	"	"
277	" 14	"	"	Harnesses and collars	"	"
278	" 14	Buchelt & Grohmann	"	Furniture	"	"
279	" 15	Michigan Saw Co.	"	Saws	"	"
280	" 16	Saginaw Steam Laundry	"	Laundry work	"	"
281	" 16	Saginaw Elec. Light & Power Co.	"	Electricity	"	"
282	" 16	Wm. Barie	"	Dress braids and facings	"	"
283	" 16	Koehler Bros.	"	Machine work	"	part
284	" 18	Chas. Lee	"	Lumber and lath	"	full
285	" 18	"	"	Door, sash mouldings, etc.	"	"
286	" 19	Robt. M. Randall	"	Dressed lumber	"	"
287	" 19	Allington & Curtis Mfg. Co.	"	Dust collectors	"	"

District No. 4.

O. O. Krapf, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours.	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	54	75	50	none	red.	15	no		\$1,800	no	1	none	yes	10	no	60	yes	no	yes	yes	239
60	60	55	33	22	inc.	25	no		2,000		5		yes	10	yes	60	no				240
48	48	20	8	3	no				600		none			8	yes	60					241
60	60	48	40	none	red.	2			1,400		yes		yes	10	no	45					242
60	60	3	2		no				100					10	no	60			yes		243
60	60	67	54	13					1,750		3		yes	10	yes	45					244
60	60	55	25	10					575		1			10		45			no		245
60	60	18	4	none					350		none			no	45			yes			246
60	60	130	82	48					4,000			5	yes	10	yes	50					247
60	60	720	270	none					5,500		6	none		10	yes	60					248
60	60	87	29	19	red.	15	inc.	5	1,250		1			10	no	*30					249
60	60	80																			250
60	60	100	20	none	red.	12	no		700	no	none	none		10	no	*30	no	no	yes	yes	251
60	60	9							400					10	yes	60					252
60	54	120	106		no				2,975		2		yes	10	yes	60			no		253
60	60	17	17						910		none			no	60				yes		254
60	60	160	160				red.	9	6,372		10		yes	10	yes	60					255
60	60	5	5		no		no		180		none			no	60	yes					256
44	66	16	16						800					10	no	60	no				257
60	60	10	10						400					10		60					258
60	60	26	21		red.	15			1,050				no	10		*30					259
60	60	270	190			red.	10		9,000		4			10		60					260
48	48	10	9	1	no		no		290		1		yes	8	yes	60					261
60	60	250	135	none	red.	10			2,600		6			10		60			yes		262
60	60	75	75			10			2,350		none			10		60					263
60	60	40	40			20			1,125		1		yes	10		60	yes	no			264
60	72	60	60		no				2,250		4			10		60					265
60	60	10	10			red.	15		480		none			no	10	60	no				266
60	48	120	5		red.	10								10	60	60					267
60	60	160	101			10			2,900		3		yes	10		*35					268
48	48	10	3	1	no				130		none			8		60					269
48	48	4	4	none					140					8		60					270
60	60	15	8						403					no	10	60			yes		271
60	60	75	75			red.	10		3,500	no				10		60					272
60	60	55	35		red.	5	no		990					10		60	no		yes		273
60	60	95	95		no		red.	10	5,500				yes	10		60					274
60	60	31	31			no			1,100					10		60					275
60	60	10	6						240					10		60	no				276
60	60	35	15	2					840					10	no	60					277
60	60	9	7	none					260					10		60					278
60	60	17	12						550					10		60			no		279
60	60	14	6	8					400					no	10	60			yes		280
60	60	6	6	none					420					10		60					281
60	60	28	5	23					500					10	yes	60					282
60	48	15	9	1					450					no	10	60					283
60	60	21	21	none		red.	10		900					10		60					284
54	54	30	25			no			1,250		1			9		60	no				285
60	60	31	31		red.	10			1,500		none			10	no	60					286
60	60	30	26			10			975					10		60					287

* Shorter dinner hour allowed by inspector.

Inspection book No. 7.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
288	May 21	Metallic Curtain Pull Co.	Saginaw	Curtain fixtures, etc.	running	full
289	" 21	Morley Bros.	"	Axle handles & forgings	"	"
290	" 21	Saginaw Milling Co.	"	Flour, feed, etc.	"	"
291	" 23	W. B. Mershon & Co.	"	Lumber, boxes, salt, etc.	"	"
292	" 25	Mitte & Merrill	"	Machinery and farm tools	"	"
293	" 28	Seeman & Peters	"	Bl'k b'ks, printed matter	"	part
294	" 28	Saginaw Evening News	"	Printed matter	"	full
295	" 28	Wm. Callam & Son	"	Flour, feed, etc.	"	"
296	" 28	A. Robertson	"	Laundry work	"	"
297	June 4	Pomeroy Cracker Co.	"	Crackers	"	"
298	" 4	Witters Bros.	"	Laundry work	"	"
299	" 5	Saginawian Office	"	Printed matter	"	"
300	" 5	Saginaw Evening Leader	"	"	"	"
301	" 6	D. Hardin	"	Salt	"	"
302	" 6	Saginaw Basket Co.	"	Baskets, crates, etc.	"	"
303	" 8	Saginaw Boiler Works	"	Boilers, etc.	"	"
304	" 13	Thos. Whittier	"	Shingles and salt	idle	"
305	" 13	Bartlett Illuminating Co.	"	Electricity	running	full
306	" 13	A. F. Bartlett & Co.	"	Machinery	"	"
307	" 13	A. Hobson	"	Cut stone work	"	"
308	" 14	Wickes Bros.	"	Machinery, etc.	"	"
309	" 14	Ring, Merrill & Tillotson	"	Furniture	idle	"
310	" 15	J. M. Roberts	"	Cigars	running	full
311	" 15	Wolpert & Son	"	Laundry work	"	"
312	" 15	Saginaw Post	"	Printed matter	"	"
313	" 15	Saginaw Courier-Herald	"	"	"	"
314	" 15	Saginaw Globe	"	"	"	"
315	" 15	Laing & Moiles	"	"	"	"
316	" 18	Joseph Marks	"	Cigars	"	"
317	" 18	Swift Electric Light Co.	"	Electricity	"	"
318	" 18	Jones & McCall	"	Printed matter, etc.	"	"
319	" 19	F. H. Mertz	"	Cigars	"	"
320	" 20	Jas. Patterson	"	Lumber and shingles	idle	"
321	" 20	C. Merrill & Son	"	" lath and salt	"	"
322	" 21	Levi Tillotson	"	" sash, doors, etc.	running	full
323	" 22	Saginaw Lumber and Salt Co.	Crow Island	" and salt	"	"
324	" 22	H. Melchers	"	"	"	"
325	" 22	S. W. Tyler & Son	"	Shingles and salt	"	"
326	" 23	Feige Desk Co.	Saginaw	Office desks	"	part
327	" 25	Whitney & Batchelor	Melbourne	Lumber, lath and salt	"	full
328	" 25	Mitchell & McClure	Zilwaukee	" and salt	"	"
329	" 25	Central Lumber Co.	"	" lath and salt	"	"
330	" 25	C. L. Grant & Co.	"	" and salt	"	"
331	" 25	A. T. Bliss	Carrolton	"	"	"
332	" 25	D. H. Abel	"	Dressed lumber	"	"
333	" 26	E. O. & S. L. Eastman	"	" " and salt	"	"
334	" 26	W. S. Thompson	"	Lumber and wood	idle	"
335	" 26	C. S. Bliss & Co.	Saginaw	"	running	full
336	" 27	Green, Ring & Co.	"	" lath and salt	"	"

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SECOND ANNUAL REPORT.

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District No. 4.

O. O. Krapf, Deputy Inspector.

Hours per week, running full time.		Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increase or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner.	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	30	4	6	no	10	no	250	no	none	none	none	10	no	60	no	no	yes	yes	288	
60	60	15	8	none	red.	10	no	370	no	no	no	no	10	yes	60	no	no	no	no	289	
60	60	10	6	"	no	10	inc.	575	no	no	no	no	10	no	60	no	no	no	no	290	
60	60	534	358	"	red.	10	no	7,000	no	32	no	yes	10	yes	40	no	no	no	no	291	
60	60		33	"	"	10	no	1,475	no	none	no	no	10	no	60	no	no	no	no	292	
60	54	29	23	6	no	"	"	950	no	no	no	no	10	yes	60	no	no	no	no	293	
60	60	23	22	1	"	"	"	1,359	no	no	no	no	10	no	60	no	no	no	no	294	
60	60	9	9	none	"	"	"	510	no	no	no	no	10	no	60	no	no	no	no	295	
60	60	16	4	12	"	"	"	400	no	no	2	yes	10	yes	60	no	no	no	no	296	
60	60	8	8	none	"	"	"	390	no	no	none	no	10	no	60	no	no	no	no	297	
60	60	26	7	19	"	"	"	700	no	1	1	yes	10	no	60	no	no	no	no	298	
60	60	3	3	none	"	"	"	130	no	none	none	no	10	no	60	no	no	no	no	299	
60	60	9	8	1	"	"	"	500	no	no	no	no	10	no	60	no	no	no	no	300	
60	60	5	5	none	"	"	"	200	no	no	no	no	10	no	60	no	no	no	no	301	
60	60	18	7	"	"	"	"	210	no	1	"	yes	10	yes	60	no	no	no	no	302	
60	60	4	4	"	"	"	"	190	no	none	no	no	10	no	60	no	no	no	no	303	
60	60	5	5	none	no	no	no	175	no	none	none	no	10	no	60	no	no	no	yes	304	
60	60	125	61	1	red.	10	no	2,450	no	no	no	no	10	no	60	no	no	no	no	305	
60	60	60	28	none	no	"	"	1,100	no	no	no	no	10	no	60	no	no	no	no	306	
60	60	250	204	1	red.	5	no	11,000	no	no	no	no	10	no	60	no	no	no	no	307	
48	48	15	10	1	no	no	no	390	no	none	none	no	8	no	60	no	no	no	yes	308	
60	60	12	5	5	"	"	no	290	no	no	no	no	10	no	60	no	no	yes	no	309	
60	60	10	9	1	"	"	no	335	no	1	no	no	10	no	60	no	no	no	no	310	
60	60	42	41	1	"	"	no	3,000	no	none	no	no	10	no	60	no	no	no	no	311	
60	60	14	13	1	"	"	no	900	no	no	no	no	10	no	60	no	no	no	no	312	
60	60	10	10	none	"	"	no	450	no	no	no	no	10	no	60	no	no	no	no	313	
48	48	8	4	"	"	"	no	175	no	no	no	no	10	no	60	no	no	no	no	314	
60	60	14	14	"	"	"	no	1,050	no	no	no	no	10	no	60	no	no	yes	no	315	
60	60	22	20	2	red.	8	no	1,100	no	no	no	no	10	no	60	no	no	no	no	316	
48	48	4	4	none	no	"	no	135	no	1	no	yes	8	yes	60	no	no	no	no	317	
60	60	50	"	"	"	"	no	"	no	"	"	no	"	"	"	"	"	"	"	318	
60	60	148	"	"	"	"	no	"	no	"	"	no	"	"	"	"	"	"	"	319	
60	60	135	16	none	no	"	no	490	no	none	none	no	no	no	60	no	no	yes	yes	320	
60	60	180	180	"	"	"	no	6,000	no	no	no	no	10	no	60	yes	no	no	no	321	
60	60	30	30	"	"	red.	10	1,180	no	no	no	no	10	yes	60	no	no	no	no	322	
60	60	33	33	"	"	"	5	1,100	no	no	no	no	10	no	60	no	no	no	no	323	
60	48	100	80	"	red.	"	7	1,600	no	5	no	yes	10	no	60	no	no	yes	no	324	
60	60	150	150	"	"	"	10	6,300	no	none	no	no	10	no	60	no	no	no	no	325	
60	60	125	6	"	"	"	10	275	no	no	no	no	10	no	60	no	no	no	no	326	
60	60	123	123	"	red.	5	no	4,800	no	9	no	yes	10	no	60	no	no	no	no	327	
60	60	37	37	"	no	"	8	1,550	no	1	no	no	10	no	60	no	no	no	no	328	
60	60	84	84	"	"	"	10	4,000	no	none	no	yes	10	yes	60	no	no	no	no	329	
60	60	18	14	"	"	"	10	400	no	no	no	no	10	no	60	no	no	no	no	330	
60	60	160	30	"	red.	10	no	900	no	no	no	no	10	no	60	no	no	no	no	331	
60	60	60	"	"	"	"	"	"	no	"	"	no	"	"	"	"	"	"	"	332	
60	60	41	40	1	red.	5	red.	1,700	no	none	none	no	10	no	60	no	no	yes	yes	333	
60	60	130	130	none	no	"	10	4,500	no	2	no	yes	10	yes	60	no	no	yes	yes	334	
60	60																			335	

† 168 hours.
† 172 hours.

* Shorter dinner hour allowed by inspector.

Inspection book No. 8.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
337	May 29	S. G. M. Gates.....	Bay City	Lumber and lath.....	r'ng	full
338	" 29	C. B. Chatfield & Co.....	"	Flour, feed, etc.....	"	"
339	" 29	Bay City Stone Co.....	"	Monuments, etc.....	"	"
340	" 31	Rob't Wildman.....	"	Boilers and sheet iron.....	idle	"
341	" 31	McKinnon Manufacturing Co.....	"	" " machinery.....	r'ng	full
342	" 31	Smalley Bros.....	"	Machinery.....	"	"
343	June 1	Whitney-Plum (U. S. Bakery).....	"	Crackers and biscuits.....	"	"
344	" 1	Marine Iron Co.....	"	Machinery.....	"	"
345	July 5	W. S. Cousins & Co.....	"	Shingles.....	"	"
346	" 6	Schweikle Bros.....	"	Cigars.....	"	"
347	" 6	Industrial Works.....	"	Machinery.....	"	"
348	" 6	Wm. Peters.....	"	Lumber and salt.....	"	"
349	" 7	Crystal Water Co.....	"	Carbonated drinks, etc.....	"	"
350	" 7	Smalley & Woodworth.....	"	Lumber and salt.....	"	"
351	" 7	Bay City Brewing Co.....	"	Beer.....	"	"
352	" 28	Bay City Electric Light Works.....	"	Electricity.....	"	"
353	" 28	Valley Scrap Iron Co.....	"	Rags, metals, etc.....	"	"
354	" 28	Bay City Tribune.....	"	Printed matter.....	"	"
355	" 28	Troy Steam Laundry.....	"	Laundry work.....	"	"
356	" 28	Bay City Times Co.....	"	Printed matter.....	"	"
357	" 28	M. Goldman & Co.....	"	Rags, metals, etc.....	"	"
358	" 30	Mathew Lamont.....	"	Sash, doors, etc.....	"	part
359	" 30	Bay County Electric Light Co.....	"	Electricity.....	"	full
360	" 30	The M. Garland Co.....	"	Machinery.....	"	"
361	" 31	South End Lumber Co.....	"	Lumber, lath and salt.....	"	"
362	Aug. 3	D. J. Kennedy.....	S. Bay City	Cedar paving blocks.....	idle	"
363	" 3	Hitchcock & Bialy.....	"	Lumber and lath.....	r'ng	full
364	" 3	C. C. Barker.....	"	" lath and salt.....	"	"
365	" 4	Bay City Excelsior Co.....	"	Excelsior.....	"	"
366	" 4	Bay City Woodenware Works.....	"	Tube, pails, etc.....	"	"
367	" 4	Geo. H. Downing.....	"	Cigars.....	"	"
368	" 4	Julius Wilhelm.....	Bay City	"	"	"
369	" 8	G. H. Merrill & Co.....	"	Dressed lumber, doors.....	"	"
370	" 8	Edwin F. Rouse.....	"	Clothes reels, cisterns.....	idle	"
371	" 9	G. Malone & Co.....	"	Box shooks.....	"	"
372	" 9	J. McKean.....	"	Wire reels, and boxes.....	r'ng	full
373	" 9	Bay Manufacturing Co.....	"	Box shooks, dressed lum.....	"	"
374	" 9	Michigan Box Co.....	"	" " " ".....	"	part
375	" 10	Miller Bros.....	"	Dressed lumber.....	"	"
376	" 10	C. R. Hawley & Co.....	"	Dresses, cloaks, carpets.....	"	full
377	" 10	See Bros. Furniture Co.....	"	Furniture.....	"	part
378	" 13	Thos. Munn.....	"	Saw mill machinery.....	"	"
379	" 13	Andrews and Albee Box Co.....	"	Box shooks.....	"	full
380	" 13	Marine Boiler Works.....	"	Boilers, etc.....	idle	"
381	" 13	Pitts & Co.....	"	Lumber, lath and salt.....	r'ng	full
382	" 14	W. H. Nickless.....	"	Dressed lumber, boxes.....	"	part
383	" 14	Walworth & Neville.....	"	Cross arms, pump tubing.....	"	full
384	" 14	E. J. Vance Box Co.....	"	Boxes.....	"	"
385	" 14	National Cycle Co.....	"	Bicycles.....	"	"

SECOND ANNUAL REPORT.

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District No. 4.

O. O. Krapp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.		Number employees at present.	Have wages been increased or reduced since April 1, 1903?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.								Males.	Females.									
60	60	140	140	none	red.	10	no	no	\$4,000	no	none	none	no	10	no	60	no	no	yes	yes	337
60	60	17	17	"	no	no	red.	10	800	"	"	"	no	10	"	60	"	"	"	"	338
60	60	38	38	"	"	"	"	"	2,450	"	"	"	no	10	"	60	"	"	"	"	339
60	60	100	75	none	red.	5	no	no	3,200	no	none	none	no	10	no	60	no	yes	yes	340	
60	60	75	34	"	no	no	"	no	1,500	"	"	"	no	10	"	60	no	"	"	"	342
60	60	18	14	4	red.	10	red.	10	748	"	"	"	no	10	"	60	"	"	"	"	343
60	60	20	16	none	red.	10	no	no	1,250	"	"	"	no	10	"	60	"	"	"	"	344
60	60	25	25	"	no	10	"	no	780	"	"	"	no	10	yes	60	no	"	"	"	345
48	48	6	6	"	no	no	"	no	500	"	1	"	yes	8	no	60	no	"	"	"	346
60	60	250	84	"	red.	12	"	no	3,500	"	none	4	no	10	no	60	"	"	yes	"	347
60	60	103	103	"	no	red.	no	14	3,550	"	4	"	yes	10	yes	60	"	"	"	"	348
60	60	13	12	1	red.	no	no	red.	450	"	none	"	no	10	no	60	"	"	no	"	349
60	60	86	85	1	red.	no	red.	12	3,275	"	"	"	no	yes	60	no	"	yes	"	"	350
60	60	13	13	none	no	no	no	no	800	"	"	"	no	10	no	60	"	"	"	"	351
60	55	5	5	"	"	no	"	no	250	"	"	"	no	10	"	60	"	"	"	"	352
60	60	40	1	14	"	no	"	no	255	"	"	"	no	10	"	60	"	"	"	"	353
60	60	26	26	none	"	no	"	no	2,475	"	"	"	no	10	"	60	"	yes	"	"	354
60	60	13	1	12	"	red.	5	no	195	"	"	"	no	10	"	60	"	"	"	"	355
60	60	20	20	none	"	no	no	no	1,200	"	"	"	no	10	"	60	"	"	"	"	356
60	60	30	4	12	"	no	no	no	350	"	"	"	no	10	"	60	"	"	no	"	357
60	54	60	21	none	red.	10	red.	10	1,768	"	"	"	no	10	yes	60	"	"	no	yes	358
60	60	7	7	"	no	10	no	no	360	"	"	"	no	10	no	60	"	"	yes	"	359
59	59	70	60	"	no	red.	red.	12	3,500	"	"	"	no	yes	60	no	"	"	"	"	360
60	60	135	135	"	red.	red.	red.	12	3,800	"	"	"	no	10	yes	60	"	"	"	"	361
60	60	10	55	none	no	no	no	no	2,600	no	none	none	no	10	yes	60	no	no	yes	yes	362
60	60	75	75	"	"	no	"	no	3,327	"	"	"	no	10	"	60	no	"	"	"	363
60	60	14	14	"	red.	red.	5	10	378	"	1	"	no	10	no	60	"	"	"	"	364
60	60	290	275	15	"	no	no	no	7,500	"	13	"	yes	10	yes	60	"	"	"	"	365
48	48	40	7	2	no	no	no	no	280	"	none	"	no	8	"	60	"	"	"	"	367
48	48	10	4	none	"	red.	red.	5	150	"	1	"	yes	8	"	60	"	"	yes	"	368
60	60	25	10	no	red.	red.	red.	5	520	"	none	"	no	10	"	60	"	"	"	"	369
60	60	12	12	no	no	no	no	no	no	no	no	no	no	10	no	60	no	"	"	"	370
60	60	21	21	none	no	no	no	no	450	no	3	none	yes	10	yes	60	no	no	yes	yes	372
60	60	40	35	"	"	"	"	no	1,000	"	2	"	no	10	"	60	"	"	"	"	373
60	60	50	38	"	"	"	"	no	1,200	"	3	"	no	10	no	60	"	"	"	"	374
60	60	14	10	"	"	"	"	no	420	"	none	"	no	10	"	60	yes	"	no	"	375
60	60	28	2	15	"	"	"	no	400	"	"	"	no	10	"	60	no	"	"	"	376
60	48	10	6	none	red.	10	"	no	325	"	"	"	no	10	"	60	"	"	yes	"	377
60	54	20	3	"	"	red.	red.	10	140	"	"	"	no	10	"	60	yes	"	"	"	378
60	60	18	18	"	no	no	no	no	420	"	4	"	yes	10	"	60	no	"	"	"	379
60	60	30	30	no	red.	red.	red.	10	6,500	no	none	none	no	10	no	60	no	no	yes	yes	380
60	45	30	30	"	no	no	no	no	580	"	"	"	no	10	yes	60	"	"	"	"	382
60	60	60	45	"	red.	red.	red.	8	1,750	"	"	"	no	10	no	60	"	"	"	"	383
60	60	47	47	"	"	"	"	no	950	"	"	"	no	yes	60	"	"	"	"	"	384
60	60	22	22	"	"	"	"	5	1,050	"	"	"	no	10	no	60	"	"	"	"	385

*120 hours.

†168 hours.

Inspection book No. 9.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
386	June 30	Jackson & Church	Saginaw	Machinery	r'ng	full
387	" 30	McGregor & Jackson	"	Boilers, etc.	"	"
388	July 3	O'Donnell, Spencer & Co.	"	Dressed lumb., boxes, etc.	"	"
389	" 3	Saginaw Dry Goods and Carpet Co.	"	Dresses, cloaks, etc.	"	"
390	Aug. 6	C. K. Eddy & Son	"	Lumber, lath and salt.	"	"
391	" 11	Briggs & Cooper	"	" " " "	idle	"
392	" 11	A. D. Camp	"	Staves	r'ng	part
393	" 20	Britton & Barber Hoop Co.	"	Hoops and boat oars	"	full
394	" 20	Deesham, Sweaf & Co.	"	Staves and heading	"	"
395	" 20	U. S. Graphite Co.	"	Graphite and lubricants	"	"
396	" 21	F. W. Carlisle	"	Leather	"	"
397	" 21	Fuehr & Weiss	"	Cigars	"	"
398	" 21	Jacob Raquet	"	Beer	"	"
399	" 21	E. Germain	"	Lumber, sash, doors, etc.	"	"
400	" 20	R. Gottschalk	"	Cigars	"	"
401	" 20	F. Baarensbeer	"	"	"	"
402	" 25	Avery & Co.	"	Sash, doors, blinds, etc.	"	part
403	" 25	McLeod Bros.	"	Cigar boxes	"	full
404	" 25	Saginaw Milling Co.	"	Flour, feed, etc.	"	"
405	" 25	Frank H. Erd	"	Pianos	"	part
406	" 27	Hort Dry Goods Co.	"	Dresses, cloaks, etc.	"	full
407	" 27	H. F. Zoehlke	"	Cigars	"	"
408	" 29	J. P. Beck	"	Carriages and buggies	"	part
409	" 29	H. & W. Heim	"	Extracts, syrups, etc.	"	full
410	Oct. 10	Estey Carriage Co.	Owosso	Carriages	"	part
411	" 10	Owosso Carriage Co.	"	"	"	"
412	" 10	Owosso Cooperage Co.	"	Barrels, staves, etc.	"	full
413	" 10	Owosso Times Printing Co.	"	Printed matter	"	"
414	" 11	Estey Manufacturing Co.	"	Furniture	"	"
415	" 11	Castell & Shaw	"	Machinery	"	"
416	" 11	Owosso Casket Co.	"	Caskets	"	"
417	" 12	City Steam Laundry	"	Laundry work	"	"
418	" 12	Union Mattresses Co.	"	Mattresses	"	"
419	" 13	W. H. Mason & Son	"	House finishings	"	part
420	" 13	Robbins Table Co.	"	Tables	"	full
421	" 13	Owosso Manufacturing Co.	"	Screen doors, etc.	"	"
422	" 13	M. Wood & Co.	"	Hickory handles	"	"
423	" 17	Woodard Furniture Works	"	Furniture	"	"
424	" 17	A. F. Thomas	"	Evaporated fruit	idle	"
425	" 17	Johnson Bakery Co.	"	Crackers, etc.	r'ng	full
426	" 17	F. E. Dudley	"	Butter, cheese, eggs	"	"
427	" 17	Owosso City Mills	"	Flour, feed, etc.	"	"
428	" 17	Friescke Bros.	"	Brick and tile	idle	"
429	" 18	St. Johns Manufacturing Co.	St. Johns	Tables	r'ng	part
430	" 18	St. Johns Spring Co.	"	Steel springs	"	full
431	" 18	Clinton County Fruit Co.	Ovid	Evaporated fruits, etc.	"	"
432	" 18	Ovid Carriage Co.	"	Carriages and buggies	"	part
433	" 19	Salliotte & Chittenden	Ashley	Staves, hoops, etc.	"	full
434	" 19	A. Starkweather	"	Lumber	"	part

District No. 4.

O. O. Krapf, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1898?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
Males.	Females.										Males.	Females.									
60	60	35	20	1	red.	10	no	---	\$1,100	no	none	none	---	10	no	60	no	no	yes	yes	386
60	60	25	10	no	red.	10	---	---	500	---	---	---	---	10	---	60	---	---	---	---	387
60	60	220	91	no	red.	---	---	---	3,300	---	2	---	yes	10	yes	45	---	---	---	---	388
60	60	35	none	23	no	---	---	---	440	---	---	---	---	10	---	60	---	---	---	---	389
60	60	125	125	none	red.	---	red.	10	4,300	---	none	---	---	10	no	60	---	---	yes	---	390
60	60	40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	391
60	60	15	15	---	red.	5	red.	10	470	no	2	none	yes	10	yes	60	---	---	yes	yes	392
60	60	40	33	---	---	---	---	20	580	---	---	---	---	10	no	60	no	no	---	---	393
60	60	35	18	---	no	---	no	---	650	---	---	---	---	10	no	60	---	---	---	---	394
60	60	10	6	1	red.	10	---	---	250	---	---	---	---	10	yes	60	---	---	---	---	395
60	60	49	49	none	no	---	---	---	1,800	---	---	---	---	10	no	60	---	---	---	---	396
48	48	4	3	---	---	---	---	---	190	---	---	---	---	8	---	60	---	---	---	---	397
60	60	9	9	1	red.	---	red.	10	450	---	---	---	---	10	---	60	---	---	yes	---	398
60	60	350	180	---	---	---	---	10	4,000	---	12	---	yes	10	yes	45	---	---	---	---	399
48	48	6	4	---	no	---	no	---	175	---	1	---	---	8	---	60	---	---	---	---	400
48	48	5	3	---	---	---	---	---	130	---	1	---	---	8	---	60	---	---	---	---	401
60	60	50	28	---	---	---	---	---	1,000	---	---	---	---	10	---	60	---	---	yes	---	402
60	60	20	4	---	---	---	---	---	285	---	---	---	---	10	no	60	yes	---	---	---	403
60	60	15	15	---	---	---	---	---	625	---	---	---	---	10	---	60	no	---	---	---	404
60	60	25	25	---	---	---	---	---	725	---	2	---	---	10	---	60	---	---	---	---	405
60	60	35	none	35	---	---	---	---	625	---	---	---	---	10	---	60	---	---	---	---	406
48	48	4	4	---	---	---	---	---	180	---	---	---	---	8	yes	60	---	---	---	---	407
60	60	15	9	---	---	---	---	---	300	---	---	---	---	10	no	60	---	---	---	---	408
60	60	50	5	---	---	---	---	---	900	---	---	---	---	10	---	60	---	---	---	---	409
60	48	50	12	---	red.	---	red.	10	750	---	---	---	---	10	---	60	---	yes	---	---	410
60	48	40	10	---	no	---	no	---	625	---	---	---	---	10	---	60	---	---	---	---	411
60	60	25	25	---	---	---	---	---	600	---	---	---	---	10	---	60	---	---	---	---	412
60	60	12	7	1	---	---	---	---	260	---	---	---	---	10	---	60	no	no	yes	yes	413
60	60	500	400	---	red.	---	red.	10	12,000	2	6	---	no	10	---	60	---	---	---	---	414
60	60	20	18	---	no	---	no	---	400	no	---	---	---	10	---	60	---	---	---	---	415
60	60	130	115	15	---	---	---	---	4,250	---	---	---	---	10	---	60	---	---	---	---	416
60	60	14	5	---	red.	10	red.	10	410	---	---	---	---	10	---	60	---	---	---	---	417
60	60	15	5	---	---	---	no	---	275	---	---	---	---	10	---	60	---	---	---	---	418
60	60	7	6	---	no	---	---	---	260	---	---	---	---	10	---	60	---	---	---	---	419
60	60	45	45	---	---	---	---	---	1,525	---	4	---	yes	10	yes	60	---	---	---	---	420
60	60	200	110	---	red.	10	---	---	---	---	6	---	---	10	---	60	---	---	---	---	421
60	60	16	11	---	no	---	---	---	425	---	---	---	---	10	no	60	---	---	---	---	422
60	60	125	90	2	red.	---	red.	10	4,450	---	3	---	yes	10	yes	60	---	---	---	---	423
60	60	24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	424
60	60	10	8	1	red.	8	no	---	875	no	---	---	---	10	no	60	no	no	yes	yes	425
60	60	6	6	---	no	---	---	---	280	---	---	---	---	10	---	60	---	---	---	---	426
60	60	8	8	---	---	---	---	---	825	---	---	---	---	10	---	60	---	---	---	---	427
60	60	20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	428
60	60	300	200	---	no	---	no	---	7,000	no	4	---	yes	10	yes	60	yes	no	yes	yes	429
60	60	25	12	---	---	---	---	---	550	---	---	---	---	10	no	60	no	---	---	---	430
60	60	61	46	15	---	---	---	---	1,000	---	---	---	---	10	---	60	---	---	---	---	431
60	48	60	42	---	red.	10	---	---	1,550	---	---	---	---	10	---	60	yes	---	---	---	432
60	60	80	---	---	---	---	---	---	1,500	---	5	---	no	10	---	60	---	---	---	---	433
60	60	8	4	---	no	15	---	---	60	---	---	---	---	10	---	60	---	---	---	---	434

Inspection book No. 10.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
435	Nov. 20	Thos. Jackson & Co.	Saginaw	Dressed lumber	r'ng	part
436	" 30	City Milling Co.	"	Flour and feed	"	full
437	Dec. 17	J. H. Benjamin.	"	Carriages and buggies	"	"
438	" 17	Saginaw Basket Co.	"	Baskets	"	"
439	" 20	Heavenrich Bros. & Co.	"	Clothing	"	"
440	" 20	F. & P. M. R. R. Repair Shops.	"	Locomotives and cars	"	part
441	" 20	Wm. Schnette & Co.	"	Dressed lumber	idle	full
442	Oct. 31	Simons, McMorris & Co.	Coleman	Staves and heading	"	"
443	" 31	E. P. Hickox & Co.	"	"	r'ng	"
444	Nov. 1	A. S. Rhodes	Clare	Shingles	"	"
445	" 1	Lester & Ort.	"	Lumber	idle	"
446	" 1	Clare Wooden Manufacturing Co.	"	Tube and pails	r'ng	full
447	" 1	John Sexsmith.	"	Lumber	idle	"
448	" 1	Mater Bros. & Co.	"	Furniture	"	"
449	" 2	W. H. Wilson & Son	Harrison	Lumber	r'ng	full
450	" 2	Wilbur Merchant.	"	Shingles and lumber	"	"
451	" 2	Clarence Lumber Co.	Clarence	Shingles	"	"
452	" 2	"	"	Lumber	idle	"
453	" 2	Williams Stave and Heading Co.	Farwell	Staves and heading	r'ng	part
454	" 2	Farwell Register	"	Printed matter	"	full
455	" 2	J. L. Littlefield	"	Lumber and lath	idle	"
456	" 2	Geo. Graham	"	Can't hook handles	"	"
457	" 2	M. F. Robinson	"	Shingles	"	"
458	" 2	A. J. Gardner & Co.	"	"	r'ng	full
459	" 3	F. E. Prince & Co.	Mt. Pleasant	Hoops and trunk slats	idle	"
460	" 3	Mt. Pleasant Roller Mill	"	Flour and feed	r'ng	full
461	" 3	Mt. Pleasant Foundry & Plow Co.	"	Plows and land rollers	"	"
462	" 3	Mt. Pleasant Basket Co.	"	Baskets	"	"
463	" 3	Mt. Pleasant Manufacturing Co.	"	Screen doors & windows	"	"
464	" 3	S. Shafer	"	Shingles	"	"
465	" 3	Mt. Pleasant Lumber Mfg. Co.	"	Lumber and lath	idle	"
466	" 3	Mt. Pleasant Cabinet Co.	"	Furniture	r'ng	full
467	" 3	Root & Wiley	"	Staves	"	"
468	" 3	J. T. Horning	"	Heading	idle	"
469	" 3	"	"	Lumber	"	"
470	" 12	St. Louis Hoop & Stave Co.	St. Louis	Hoops	r'ng	full
471	" 12	St. Louis Roller Mills	"	Flour and feed	"	"
472	" 12	Shepherd Stave and Heading Co.	Shepherd	Staves and heading	idle	"
473	" 12	Shepherd Roller Mills	"	Flour and feed	r'ng	part
474	" 12	Shepherd Planing Mill	"	Inside finish	"	"
475	" 12	A. M. Dodge Manufacturing Co.	"	Clothes pins	"	full
476	" 12	J. N. Shepherd	"	Lumber	idle	"
477	" 13	Butterfield & Co.	Alma	Lumber and shingles	"	"
478	" 13	Alma Roller Mills	"	Flour and feed	r'ng	full
479	" 14	J. M. Montgel & Co.	"	Machinery and castings	"	part
480	" 14	Alma Table Co.	"	Tables	"	"
481	" 14	Tinker & Lancashire	"	Sash, doors and blinds	"	"
482	" 14	Alma Woollen Mills	"	Yarns and cloth	"	"
483	" 14	Alma Excelsior Works	"	Excelsior	idle	"

District No. 4.

O. O. Krapf, Deputy Inspector.

	Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Number children over 14 and under 16 years of age employed?		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
				Males.	Females.						Males.	Females.									
60 54	18	18		no		no				\$500	no			10		60	no	no	yes	yes	435
60 90	9	5		red.		red.				325				10	no	60	yes				436
60 60	12	5							10	200				10		60	no				437
60 60	34	34		no		no				800				10		30			yes		438
60 66	9	5		red.		red.			10	300		4		10	yes	60					439
60 48	346	302							10	13,600				10		60			yes		440
60 30	30			no		no															441
60 15	15										no										442
60 25	25	25								830				10	no	60	yes	no	yes	yes	443
60 9	9			red.		red.			10	500				10	no	60	yes	no	yes	yes	444
60 14	14										no										445
60 52	50	2		red.	10	no				1,500		5		10	no	60	no	no	yes	yes	446
60 22	22										no										447
60 4	4			red.		red.			10	1,200				10	no	60	yes	no	yes	yes	448
60 38	38	30																			449
† †	20	20							10	760			no	11		60					450
66 18	18	13							10	450				10		60					451
66 18	18															60					452
60 30	15	15		no		no				500	no			10	no	60	yes	no	yes	yes	453
60 60	5	3	2							200				10		60	no				454
60 20	20																				455
60 5	5																				456
60 10	10																				457
60 60	10													10	no	60	yes	no	yes	yes	458
60 15	15			red.	12	red.			10	380	no										459
98 98	5	5		no		no				220	no			10	no	60	no	no	yes	yes	460
60 60	10	10								470				10		60	yes				461
60 60	60	60								2,000				10	yes	60			yes		462
60 60	20	6		red.		red.			15	250				10	no	60	no				463
60 60	10	10								520				10		60	yes				464
60 40	40													10							465
60 60	4	4		no		no				175	no			10	no	60	no	no	yes	yes	466
60 60	15	15		red.		red.			20	380		3	yes	10	yes	60	yes		yes		467
60 15	15																				468
60 20	20																				469
60 60	54	54		no		no				1,900	no	3	no	10	no	60	yes	no	yes	yes	470
60 60	8	8		red.		red.			10	400				10		60	no				471
60 45	45																				472
60 40	3	3		no		no				118	no			10		60	no	no	yes	yes	473
60 30	6	4		red.		red.			20	170				10		60	yes				474
60 60	14	8	6						15	390				10	no	60	no				475
60 15	15																				476
60 15	15																				477
60 60	25	15		no		no				591	no			10		60	yes	no	yes	yes	478
60 54	12	7		red.		red.			10	300				10	no	60					479
60 48	25	8		no					10	380				10		60	no				480
60 54	28	16		red.					12	510				10		60					481
60 48	7	3	2						12	170				10		60					482
60 10	10																				483

† 142 hours.

Inspection book No. 41.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1891	July 13	Shellhorn & Rich	Cheboygan	Machinery	r'ng	part
1892	" 13	Thompson Smith's Sons	"	Lumber and lath	"	full
1893	" 13	Swift Bros.	"	" " "	"	"
1894	" 13	Pelton & Reed	"	" " "	"	"
1895	" 13	Whitehall Lumber Co.	"	" " "	"	"
1896	" 13	Cheboygan Lumber Co.	"	" " salt	"	"
1897	" 14	D. Quay & Son	"	Shingles	"	"
1898	" 14	Cheboygan Leather Co.	"	Leather	"	"
1899	" 14	L. Littlejohn	"	Shingles	"	"
1900	" 14	W. & A. McArthur Co., Limited	"	Flour and feed	"	"
1901	" 14	" " " " " "	"	Dressed lum., elect. light	"	"
1902	" 14	D. M. Olds	"	Staves	"	"
1903	" 16	Alpena Industrial Works	Alpena	Machinery	"	"
1904	" 16	Mark Horwitz	"	Cigars, etc.	"	"
1905	" 17	Huron Lumber Co.	"	Lumber and lath	"	"
1906	" 17	Comstock Bros.	"	" " "	"	"
1907	" 17	Beck Malting and Brewing Co.	"	Beers & carbonat'd drinks	"	"
1908	" 18	W. L. & H. D. Churchill	"	Lumber and lath	idle	"
1909	" 18	J. McNally	"	Sash, doors, etc.	r'ng	full
1910	" 18	P. H. Luther	"	Shingles	"	"
1911	" 18	Minor Lumber Co.	"	Lumber and salt	"	"
1912	" 18	G. N. Fletcher & Sons	"	" " "	idle	"
1913	" 19	Alpena Cigar Co.	"	Cigars	r'ng	full
1914	" 19	J. M. Johnston	"	Flour, feed, lumber, etc.	"	"
1915	" 20	F. W. Gilchrist	"	Lumber and lath	"	"
1916	" 20	Alpena Sulphite Fibre Co.	"	Pulp	"	"
1917	" 20	Albert Pack	"	Lumber and lath	"	"
1918	" 20	Alpena Excelsior Co.	"	Excelsior	"	"
1919	" 20	Northern Extract Co.	"	Hemlock extract	"	"
1920	" 20	Chas. B. Warren	"	Machinery	"	"
1921	" 23	Penoyer Bros.	An Sable	Lumber and lath	"	"
1922	" 23	H. M. Loud & Sons	"	" lath, etc.	"	"
1923	" 24	Pack, Woods & Co.	Oscoda	" " "	"	"
1924	" 24	Oscoda Salt and Lumber Co.	"	" and salt	idle	"
1925	" 25	Holland, Emery Lumber Co.	East Tawas	Lath, shingles, etc.	r'ng	full
1926	" 25	East Tawas Stave Co.	"	Heading	"	"
1927	" 25	Ottawa Hardwood Lumber Co.	Tawas	Lumber	idle	"
1928	" 25	C. H. Prescott & Sons	"	" and lath	r'ng	full
1929	" 25	Wenona Salt and Lumber Co.	"	" " salt	idle	"
1930	Aug. 15	Kolb Bros.	Salzburgh	Beer	r'ng	full
1931	" 15	Carpenter & Co.	West Bay City	Lumber, lath and salt	"	"
1932	" 15	West Bay City Brewery	"	Beer	"	"
1933	" 15	Handy Bros.	"	Boxes	"	part
1934	" 15	W. G. Pierce	"	Hoops	idle	"
1935	" 15	Isaac Pierce	"	Brass valves	r'ng	full
1936	" 15	Davidson's Ship Yard	"	Wooden vessels	"	"
1937	" 15	West Bay City Manufacturing Co.	"	Dressed lumber	"	"
1938	" 15	John G. Frank	"	Flour, feed, etc.	"	part
1939	" 15	Theo. Hine	Salzburgh	Lumber and salt	"	full

District No. 4.

O. O. Krapf, Deputy Inspector.

Hours per week, running full time. Hours per week at present time.	No. employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
		Males.	Females.							Males.	Females.									
60 48	15	8	none	red.	20	no	---	\$250	no	none	none	---	10	no	60	no	no	yes	yes	1891
66 66	114	114	---	no	---	no	---	7,400	---	2	---	yes	10	---	60	yes	no	---	---	1892
* * *	150	150	---	red.	---	red.	10	3,800	---	none	---	---	10	---	60	---	---	---	---	1893
60 60	75	75	---	---	---	---	---	3,000	---	2	---	yes	10	---	60	no	---	---	---	1894
60 60	81	81	---	---	---	---	10	3,980	3	6	---	---	10	---	60	---	---	---	---	1895
60 60	67	67	---	---	---	---	8	3,100	no	none	---	---	10	---	60	---	---	---	---	1896
60 60	25	25	---	no	---	---	---	1,300	---	1	---	yes	10	---	60	yes	---	---	---	1897
60 60	150	150	---	---	---	---	10	5,000	---	none	---	---	10	---	60	yes	no	---	---	1898
60 60	16	16	---	red.	red.	10	---	600	---	---	---	---	10	---	60	---	---	---	---	1899
66 66	3	3	---	no	---	no	---	180	---	---	---	---	10	---	60	no	no	no	---	1900
60 60	100	100	---	red.	red.	7	---	3,190	---	---	---	---	10	---	60	yes	---	yes	---	1901
60 60	14	14	---	---	---	10	---	530	---	---	---	---	10	---	60	---	---	---	---	1902
60 60	15	12	---	no	---	no	---	650	---	---	---	---	10	---	60	no	no	---	---	1903
54 54	8	8	---	---	---	---	---	200	---	2	---	yes	10	---	60	---	---	---	---	1904
60 60	71	71	---	red.	red.	12	---	3,000	---	none	---	---	10	---	60	---	---	yes	---	1905
60 60	71	71	---	---	---	10	---	3,200	---	---	---	---	10	---	60	yes	no	---	---	1906
60 60	15	15	---	no	---	no	---	650	---	---	---	---	10	---	60	---	---	---	---	1907
60 60	20	6	none	no	---	no	---	325	no	none	none	---	10	no	60	no	no	yes	yes	1908
60 60	23	23	---	red.	---	red.	5	1,040	---	---	---	---	10	---	60	---	---	yes	yes	1909
60 60	104	104	---	---	---	---	10	4,200	---	---	---	---	10	---	60	yes	---	---	---	1910
60 60	104	104	---	---	---	---	10	4,200	---	---	---	---	10	---	60	yes	---	---	---	1911
48 48	10	5	none	no	---	no	---	240	no	none	none	---	8	no	60	no	no	---	yes	1912
60 60	25	12	---	---	---	---	---	630	---	---	---	---	10	---	60	---	---	---	---	1913
60 60	100	100	---	red.	red.	10	---	---	---	---	---	---	10	---	60	---	---	yes	---	1914
60 60	100	100	---	---	---	---	---	---	---	---	---	---	10	---	60	---	---	---	---	1915
† †	75	75	---	---	---	---	10	2,800	---	---	---	---	10	yes	60	no	no	---	---	1916
60 60	70	70	---	---	---	---	5	2,650	---	---	---	---	10	no	60	---	no	---	---	1917
60 60	12	12	---	---	---	---	10	630	---	---	---	---	10	yes	60	---	---	---	---	1918
† †	18	18	---	---	---	---	---	1,000	---	---	---	---	10	---	60	---	---	---	---	1919
60 60	20	13	---	---	---	---	10	680	---	---	---	---	10	---	60	---	---	---	---	1920
60 60	120	85	---	---	10	no	---	2,950	---	---	---	---	10	no	60	yes	---	---	---	1921
60 60	285	285	---	---	10	---	---	10,888	---	4	---	yes	10	yes	60	---	---	---	---	1922
60 60	180	160	---	---	red.	15	---	6,250	---	none	---	---	10	no	60	---	---	---	---	1923
60 60	60	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1924
60 60	325	325	none	red.	15	inc.	10	---	no	10	none	yes	10	yes	60	no	no	yes	yes	1925
60 60	26	26	---	---	---	red.	10	1,900	1	3	---	no	10	no	60	---	---	---	---	1926
60 60	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1927
60 60	64	64	none	red.	---	red.	10	2,400	no	4	none	yes	10	yes	60	yes	no	yes	yes	1928
60 60	130	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1929
60 60	10	8	none	no	---	no	---	500	no	none	none	---	10	no	60	no	no	yes	yes	1930
60 60	80	80	---	red.	---	red.	10	3,475	---	4	---	no	10	---	45	yes	---	---	---	1931
60 60	10	10	---	---	---	---	---	580	---	none	---	---	10	---	60	no	---	---	---	1932
60 48	100	36	---	---	---	---	---	1,400	---	9	---	yes	10	yes	60	---	---	---	---	1933
60 60	45	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1934
60 60	3	3	none	no	---	---	---	175	no	none	none	---	10	no	60	yes	no	yes	yes	1935
60 60	450	90	---	red.	10	no	---	3,300	---	---	---	---	10	---	60	no	---	---	---	1936
60 60	18	12	---	---	---	---	---	520	---	---	---	---	10	---	60	---	---	---	---	1937
60 50	10	10	---	red.	---	red.	8	490	---	---	---	---	10	---	60	---	---	---	---	1938
60 60	42	42	---	---	---	no	---	1,300	---	---	---	---	10	yes	60	---	---	---	---	1939

* 120 hours. Runs night and day.

† 168 hours. Runs night and day.

‡ 144 hours.

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
1894.						
1940	Aug. 17	Kern Manufacturing Co.	Salzburgh	Lumber, lath and salt	r'ng	full
1941	" 17	Green & Braman	Stone Island	" " and salt	"	"
1942	" 17	E. J. Hargrave & Son	MiddleGr'und	" " and salt	"	"
1943	" 17	Fitch Salt Co. & Fitch Fertil'r Co.		Salt, fertilizers, etc.	"	"
1944	" 18	Standard Hoop Co.	West Bay City	Elm hoops and lumber	"	"
1945	" 18	Russell Bros.	"	Boxes	"	"
1946	" 18	E. Mueller & Co.	"	Dressed lumber	"	part
1947	" 23	Crumps Manufacturing Co.	"	Box shooks	"	full
1948	" 23	Weber & Kircher	"	Sash, doors, blinds, etc.	"	"
1949	" 24	Crystal Steam Laundry	"	Laundry work	"	"
1950	" 24	John Welch	"	Lumber	"	"
1951	" 24	F. W. Wheeler & Co.	"	Iron, steel & wooden ships	idle	"
1952	" 24	Ross, Bradley & Co.	"	Dr'd lumber, boxes, etc.	r'ng	full
1953	" 24	Fred C. Ross	"	" etc.	"	part
1954	" 25	Boyce Lumber and Salt Co.	Essexville	Lumber, lath, salt	"	full
1955	" 25	J. R. Hall	"	Shingles	"	"
1956	" 28	Whittemore & Maxon	West Bay City	Machinery	idle	"
1957	Oct. 3	L. H. Griffin	Bay City	Laundry work	r'ng	full
1958	" 3	H. Meakin	"	"	"	"
1959	" 4	Romer, Lovell & Co.	"	Dresses, cloaks, etc.	"	"
1960	" 4	D. Curvall & Co.	Essexville	Shingles	idle	"
1961	" 8	Rouse Bros.	"	Lumber and salt	"	"
1962	" 8	Bay City Canning Co.	"	Canned fruits and veget.	r'ng	full
1963	" 8	McEwan Bros. & Co.	Bay City	Lumber, lath, salt	"	"
1964	" 22	Michigan Pipe Co.	"	Wooden pipe, etc.	"	part
1965	" 22	Bay City Iron Co.	"	Machinery	"	"
1966	" 22	Briscoe, Plumstell & Co.	"	Dressed lumber & boxes	"	"
1967	" 23	Detroit Mill	"	Lumber, lath, etc.	"	"
1968	" 23	Folsom & Arnold	"	" " and salt	idle	"
1969	" 24	Eddy Bros. & Co.	"	" " and salt	r'ng	full
1970	" 24	Eickemeyer, Kamm & Co.	"	Dressed lumber, etc.	"	"
1971	" 24	Meyer & Russell	"	Lounges, wire spr'gs, etc.	"	"
1972	" 19	Ithaca Milling Co.	Ithaca	Flour, feed, etc.	"	"
1973	" 19	St. Johns Manufacturing Co.	"	Lumber and lath	idle	"
1974	" 19	C. W. Althouse & Co.	"	Staves and heading	r'ng	full
1975	" 19	Ithaca Butter Tub Factory	"	Butter tubs	"	"
1976	" 30	Cleveland Wooden Ware Co.	Midland	Lumber, hoops, etc.	"	"
1977	" 30	Midland Chemical Co.	"	Bromides, etc.	"	"
1978	" 30	W. P. Shepard	"	Shingles	idle	"
1979	" 30	Midland Flour Mill Co.	"	Flour, feed, etc.	r'ng	part
1980	" 30	Midland Salt and Lumber Co.	"	Salt and lumber	"	full
1981	" 30	Wm. Patrick	"	Shingles and salt	"	"
1982	" 30	Midland Wooden Ware Co.	"	Tubs, pails, etc.	"	"
1983	" 31	Bliss & Powluis	Sanford	Shingles	"	"
1984	" 31	Willis & Mason	Coleman	"	"	part
1985	" 31	Geo. Cooper	"	Staves and heading	"	"
1986	" 31	J. E. Curtis & Son	"	" " "	"	full
1987	" 31	St. Louis Hoop and Stave Co.	"	Hoops and staves	idle	"
1988	" 31	Michigan Head Lin'g and Hoop Co.	"	Shingles, hoops, etc.	"	"

District No. 4.

O. O. Krapf, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1933?	What per cent?	Have wages been increased or reduced since March 1, 1934?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
			Males.	Females.							Males.	Females.									
60	60	90	90	none	red.	---	red.	5	\$3,200	no	none	none	---	10	no	60	yes	no	no	yes	1940
60	60	51	51	"	no	---	no	---	2,950	"	2	"	no	10	"	60	"	"	yes	"	1941
60	60	75	75	"	red.	---	"	10	3,700	"	1	"	---	10	"	60	"	"	"	"	1942
60	60	17	17	"	"	---	"	10	400	"	---	"	---	10	"	60	no	"	"	"	1943
60	60	60	60	"	"	---	"	10	2,050	"	"	"	---	10	"	60	yes	"	"	"	1944
60	60	75	30	"	"	---	"	10	700	8	8	"	no	10	"	60	"	"	"	"	1945
60	30	7	5	"	no	---	no	---	165	no	none	"	no	10	"	60	"	"	"	"	1946
60	60	123	86	"	red.	10	"	---	1,600	"	9	"	yes	10	yes	60	no	"	"	"	1947
60	60	20	12	"	"	10	"	---	550	"	none	"	---	10	no	60	yes	"	no	"	1948
60	60	20	3	9	no	---	"	---	338	"	"	"	---	10	no	60	no	"	yes	"	1949
60	60	52	52	none	red.	18	"	---	2,765	"	"	"	---	10	"	60	yes	"	"	"	1950
60	1,500	40	38	none	no	---	red.	8	1,050	1	4	none	no	10	no	60	no	---	no	yes	1951
60	20	15	6	"	"	---	no	---	320	no	none	"	---	10	"	60	no	---	no	yes	1952
60	60	120	120	"	"	---	"	---	550	2	4	"	---	10	"	60	yes	"	yes	"	1953
60	60	46	46	"	red.	---	red.	12	1,100	no	none	"	---	10	"	60	"	"	"	"	1954
60	60	15	10	10	red.	---	red.	10	400	no	none	none	---	10	no	60	"	no	yes	yes	1955
60	60	14	4	9	no	---	no	---	420	"	"	"	---	10	"	60	"	"	yes	yes	1956
60	60	13	4	24	red.	---	red.	10	625	"	"	"	---	10	"	60	"	"	---	"	1957
60	60	20	20	---	---	---	---	---	---	---	---	---	---	10	"	60	"	---	---	---	1958
60	60	60	60	---	---	---	---	---	---	---	---	---	---	10	"	60	yes	no	yes	yes	1959
60	60	180	10	60	no	---	no	---	1,600	no	none	none	---	10	no	60	yes	no	yes	yes	1960
60	60	146	146	none	---	---	---	---	6,000	"	"	"	---	10	"	60	"	"	yes	yes	1961
60	54	75	35	red.	---	red.	---	10	1,600	"	"	"	---	10	"	60	no	"	"	"	1962
60	54	25	10	"	"	---	"	15	520	"	"	"	---	10	"	60	"	"	"	"	1963
60	54	32	32	"	no	---	no	---	1,100	"	"	"	---	10	"	60	"	"	"	"	1964
60	60	140	140	"	---	red.	---	10	5,800	"	"	"	---	10	"	60	"	"	no	"	1965
60	60	125	125	none	no	---	red.	12	5,000	no	none	none	---	10	no	45	yes	no	yes	yes	1966
60	60	7	7	"	red.	---	---	12	350	"	2	"	---	10	"	60	no	"	no	"	1967
60	60	14	10	4	no	---	no	---	430	"	"	"	---	10	"	60	yes	"	yes	"	1968
60	60	5	5	none	red.	10	"	---	240	"	"	"	---	10	"	60	no	"	yes	"	1969
60	60	60	55	none	no	---	no	---	2,000	no	none	none	---	10	no	60	no	no	yes	yes	1970
60	60	45	45	"	red.	---	red.	10	1,525	"	"	"	---	10	"	60	yes	"	"	"	1971
60	60	95	95	"	no	---	no	---	3,000	"	4	"	no	10	"	60	"	"	"	"	1972
60	60	8	8	"	"	---	red.	10	430	"	none	"	---	10	"	60	"	"	"	"	1973
60	60	8	8	"	"	---	---	---	---	---	---	---	---	10	"	60	"	"	"	"	1974
60	60	6	4	none	red.	---	red.	10	190	no	none	none	---	10	yes	60	no	no	yes	yes	1975
60	60	55	55	"	no	---	no	---	2,500	"	"	"	---	10	no	60	yes	"	"	"	1976
60	60	30	30	"	"	---	---	---	875	"	"	"	---	10	"	60	"	"	"	"	1977
60	60	90	85	5	red.	---	red.	10	3,000	"	"	"	---	10	"	60	yes	no	"	"	1978
60	60	12	12	none	"	---	"	12	550	"	"	"	---	10	"	60	"	"	"	"	1979
60	40	10	10	"	"	---	"	10	300	"	"	"	---	10	"	45	"	"	"	"	1980
60	30	12	6	"	no	---	no	---	335	"	"	"	---	10	yes	60	"	"	"	"	1981
60	60	45	18	"	"	---	red.	15	---	"	5	"	no	10	no	60	no	"	"	"	1982
60	60	20	20	---	---	---	---	---	---	---	---	---	---	10	---	---	---	---	---	---	1983
60	60	85	85	---	---	---	---	---	---	---	---	---	---	10	---	---	---	---	---	---	1984

* 144 hours.

Inspection book No. 43.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
1989	Sept. 6	Haggarty & Mosher Co.	Kawkawlin	Hoops	r'ng	full
1990	" 6	Lewis Rosebush	Linnwood	Lumber and shingles	idle	
1991	" 6	J. Evinger	Lengsville	Staves	r'ng	full
1992	" 7	Joseph Schultze	Gladwin	Flour, feed, etc.	"	"
1993	" 7	Saylor Hoop Co.	"	Hoops	"	"
1994	" 7	Brown and Van Nese	"	Lumber and shingles	idle	
1995	" 7	D. C. Dutcher	"	Shingles	"	
1996	" 8	Beaverton Cooperage Co.	Beaverton	Hoops and staves	r'ng	full
1997	" 8	Tonkin, Harris & Co.	"	Lumber and shingles	"	"
1998	" 8	Ross Bros	"	Shingles, ties, etc.	"	"
1999	" 10	Eetey & Calkins	Pinconning	Lumber and lath	"	"
2000	" 10	W. H. Ford	"	Staves and heading	"	"
2001	" 10	E. Jennings	"	Shingles	idle	
2002	" 10	"	"	Heading	r'ng	full
2003	" 10	"	"	Excelsior	"	
2004	" 11	Gray Millinery Co.	Standish	Flour, feed and shingles	"	"
2005	" 11	Standish Stave and Heading Co.	"	Staves and heading	"	"
2006	" 11	Jas. Norn	"	Lumber	"	"
2007	" 11	J. E. Austin	"	Shingles	"	"
2008	" 12	Thiry, Feldmann & Co.	West Branch	Sash, doors, etc.	"	"
2009	" 12	French Lumber Co.	"	Shingles	"	part
2010	" 12	"	"	Lumber	idle	
2011	" 12	Chas. Klein	"	"	"	
2012	" 12	Bartholomew Bros.	"	Shingles and heading	r'ng	full
2013	" 12	G. B. Hodgeman M'fg. Co.	Roscommon	Lumber, staves, etc.	"	"
2014	" 12	Matthewson Bros.	"	Lumber	idle	
2015	" 12	Vaughn Manufacturing Co.	"	Electric light	"	
2016	" 13	Salling & Hanson	Grayling	Lumber, shingles, etc.	r'ng	full
2017	" 13	"	"	Lumber	"	"
2018	" 13	"	"	and lath	"	"
2019	" 13	Jackson, Wiley & Co.	Gaylord	Staves, hoops, etc.	idle	
2020	" 13	Humphrey Bros.	"	Lumber	r'ng	full
2021	" 14	Guelph Patent Cask Co.	Wolverine	Veneer	"	"
2022	" 14	P. E. Hackett	"	Lumber and shingles	"	part
2023	" 14	M. D. Olds	Vanderbilt	Staves and heading	"	full
2024	" 14	The Michelson & Hanson Lum. Co.	Bagley	Lumber	"	"
2025	" 14	Henry Stephens & Co.	Waters	" and lath	"	"
2026	" 15	The Michelson & Hanson Lum. Co.	Lewiston	"	"	"
2027	" 26	Edwin Andrews	Paines	Shingles	"	"
2028	" 26	W. F. Pains	"	Brick and tile	"	part
2029	" 26	Isaac Parker	"	"	"	"
2030	" 26	Medor Mercier	"	"	idle	
2031	Oct. 9	V. L. Parsons	St. Charles	Staves, heading, etc.	"	"
2032	" 9	Slawson & Wills	"	Hoops	r'ng	full
2033	" 9	Stewart, Long & Co.	Cheesaning	Staves and heading	"	"
2034	" 9	S. Church	"	Lumber, etc.	idle	
2035	" 9	F. F. Spiegel	Oakley	flour and feed	r'ng	full
2036	" 12	Fox Furniture Co.	Corunna	Furniture	"	part
2037	" 12	Corunna Milling Co.	"	Flour, feed, etc.	"	full

SECOND ANNUAL REPORT.

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District No. 4.

O. O. Krapf, Deputy Inspector.

Hours per week, running full time.		Hours per week at present time.		Number employees when running full capacity.		Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 16 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and belting provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
						Males.	Females.							Males.	Females.									
60	60	45	45	none	no			red.	8			\$1,850	no	3	none	yes	10	no	60	yes	no	yes	yes	1899
60	60	18	18	none	red.			red.	20			675	no	none	none		10	no	60	yes	no	yes	yes	1890
60	60	3	3	"	no			"				150	no	"	"		10	no	60	yes	no	yes	yes	1891
80	80	32	32	"	"			"				1,000	"	"	"		10	"	60	yes	"	"	"	1892
																								1893
		15																						1894
60	60	40	40	none	no			red.	10			1,500	no	2	none		10	no	60			yes	yes	1895
60	80	40	5	"	red.			no				210	"	1	"		10	"	60	no	yes	no	yes	1896
60	80	80	80	"	no			no				2,200	"	none	"		10	"	60	"	"	yes	"	1897
																								1898
60	60	60	35	"	"			"				1,200	"	"	"		10	"	60	no	"	"	"	1899
60	60	50	50	"	"			"				1,500	"	"	"		10	"	60	"	"	"	"	2000
60	60	11															10							2001
60	60	15	15	none	no			no				600	no	none	none	no	10	no	60			yes	yes	2002
60	60	15	12	"	"			"				525	"	"	"		10	"	60			"	"	2003
60	60	12	13	"	"			red.	10			580	"	"	"		10	yes	60	no	no	"	"	2004
60	60	30	30	"	"			no				1,020	"	2	"	yes	10	"	60	no	no	"	"	2005
60	60	35	16	"	"			"				580	"	1	"	no	10	no	60	no	no	"	"	2006
60	60	25	25	"	"			"				1,150	"	none	"	10	yes	60			"	"	"	2007
60	60	8	5	"	red.			red.	10			165	"	"	"	10	no	60	no	no	"	"	"	2008
60	30	23	10	"	"			"	10			455	"	"	"		10	"	60			"	"	2009
		30																						2010
60	80	15																						2011
60	80	12	12	none	no			red.	10			475	no	none	none		10	no	60			yes	yes	2012
60	60	62	62	"	red.			no				2,000	"	8	"	yes	10	"	60	no	no	"	"	2013
		20																						2014
																								2015
60	60	77	77	none	no			no				1,800	no	none	none		10	yes	60	no	no	yes	yes	2016
60	60	12	12	"	"			"				487	"	"	"		10	"	60	"	"	"	"	2017
60	60	57	57	"	"			"				1,400	"	"	"		10	no	60	"	"	"	"	2018
																								2019
60	60	40	4	none	no			no				200	no	none	none		no		60	yes	no	yes	yes	2020
60	60	120	90	"	red.			red.	5			2,900	"	5	"	yes	10	"	60			"	"	2021
60	80	23	25	"	no			no				1,800	"	none	"		10	"	40			"	"	2022
60	60	30	30	"	red.			red.	12			1,225	"	"	"		10	"	60	no	no	"	"	2023
60	60	35	35	"	no			no				1,000	"	"	"		10	"	60	yes	"	"	"	2024
66	66	123	123	"	red.	10		"				4,200	"	"	"		11	"	60	no	"	"	"	2025
60	60	112	112	"	"			red.	10			4,000	"	"	"		10	"	60	"	"	no	"	2026
60	60	17	17	"	"			"				700	"	"	"		10	"	45	yes	"	yes	"	2027
60	40	25	13	"	"			"	20			900	"	"	"		10	"	60			"	"	2028
60	40	24	15	"	"			"	10			825	"	"	"		10	"	60		no	"	"	2029
		30																						2030
60	60	45	45	none	red.			red.	10			1,500	no	1	none	yes	10	yes	60			yes	yes	2031
60	60	95	16	"	no			no				525	"	3	"	no	10	"	60		no	"	"	2032
																								2033
		12																						2034
60	60	12	3	none	red.			red.	10			125	no	none	none		10	no	60	no	no	yes	yes	2035
60	48	35	20	"	no			no				550	"	4	"	no	10	yes	60	yes	"	"	"	2036
60	60	6	6	"	"			"				285	"	none	"	"	10	no	60	no	"	"	"	2037

Inspection book No. 57.

TABLE No. 1.—CONTINUED.—

Inspection number.	Date of inspection.	Name of establishment.	Location.	Goods manufactured.	Running or idle.	Full or part time.
	1894.					
2674	Nov. 13	Gardner, Peterman & Co.	Riverdale	Staves and heading	r'ng	full
2675	" 15	"	Breckenridge	"	"	"
2676	" 15	St. Louis Republican Leader	St. Louis	Printed matter	"	"
2677	" 15	Smith, Clagget & Co.	"	Staves and heading	idle	"
2678	" 15	Liken, Brown & Co.	Wheeler	"	r'ng	full
2679	" 15	"	Merrill	"	"	"
2680	" 21	Revolving Hat Case Co.	Flint	Hat cases	"	"
2681	" 21	Flint Road Cart Co.	"	Carts and carriages	"	"
2682	" 21	Weller & Austin	"	Print, matter, cig. boxes	"	"
2683	" 21	Flint Pantaloon Co.	"	Pantaloons	"	"
2684	" 22	Beardslee, Gillies & Co.	"	Sash, doors, inside finish	"	part
2685	" 22	Flint Wagon Works	"	Wagons and buggies	"	full
2686	" 22	Lewis Strawboard Mill	"	Strawboard	"	"
2687	" 22	W. F. Stewart	"	Carriages	"	"
2688	" 23	Flint Woolen Mills	"	Woolen goods	"	"
2689	" 23	C. Rippe	"	Cigars	"	"
2690	" 23	W. A. Patterson	"	Carriages and buggies	"	"
2691	" 23	Classen, Street & Co.	"	Cigars	"	"
2692	" 24	Flint Cigar Co.	"	Carriages and buggies	"	"
2693	" 24	Webster Vehicle Co.	"	"	"	"
2694	" 24	M. Ephraim	"	Cigars	"	"
2695	" 30	J. B. Armstrong M'fg Co.	"	Springs and axles	"	"
2696	" 30	Home Steam Laundry	"	Laundry	"	"
2697	" 30	Thomas Warren & Son	"	Machinery	"	"
2698	" 30	Flint Journal	"	Printed matter	"	"
2699	Dec. 6	Liken Brown & Co.	Caro	Staves and heading	idle	-----
2700	" 6	W. A. Forbes & Co.	"	Sash, doors and shingles	r'ng	full
2701	" 6	E. Parks	"	Shingles and lumber	"	"
2702	" 6	Tuscola County Advertiser	"	Printed matter	"	"
2703	" 7	Frank Miller	Vassar	Lumber	idle	-----
2704	" 7	"	"	Sash, doors and blinds	r'ng	full
2705	" 7	Vassar Woolen Co.	"	Woolen goods	idle	-----
2706	" 18	Licken & Bach	Akron	Staves and heading	"	-----
2707	" 18	"	Unionville	"	"	-----
2708	" 18	"	Sebewaing	"	"	-----
2709	" 18	F. F. Winter	"	Sash, doors, dressed lum.	r'ng	full
2710	" 18	Sebewaing M'fg Co.	"	Sash, doors and furniture	"	part
2711	" 18	Liken & Bach	Pigeon	Staves	idle	-----
2712	" 18	"	Linkville	"	"	-----
2713	" 19	Hubbard & Co.	Bad Axe	Sash doors, dressed lum.	"	-----
2714	" 26	Gardner & Peterman	Reese	Staves and heading	"	-----

SECOND ANNUAL REPORT.

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District No. 4.

O. O. Krapp, Deputy Inspector.

Hours per week, running full time.	Hours per week at present time.	Number employees when running full capacity.	Number employees at present.		Have wages been increased or reduced since April 1, 1893?	What per cent?	Have wages been increased or reduced since March 1, 1894?	What per cent?	Average monthly pay-roll.	Are children under 14 years of age employed?	Number children over 14 and under 18 years of age employed.		Are statements for children on file?	Number hours per day required of males under 18 and females under 21.	Are notices of hours of labor posted in rooms where children are employed?	How many minutes are allowed for dinner?	Do doors leading from factory open outward?	Are doors locked or bolted during working hours?	Is gearing and baling provided with proper safeguards?	Are suitable washrooms and water closets provided?	Inspection number.
Males.	Females.										Males.	Females.									
60	60	60	60	---	no	---	no	---	\$1,900	no	6	---	no	10	no	60	no	no	yes	yes	2674
60	60	40	40	---	---	---	---	---	1,300	---	2	---	---	10	no	60	no	no	---	---	2675
60	60	4	3	1	---	---	---	---	125	---	---	---	---	10	---	60	---	---	---	---	2676
60	60	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2677
60	60	40	40	---	no	---	no	---	1,300	no	4	---	no	10	no	60	yes	no	yes	yes	2678
60	60	75	75	---	---	---	---	---	2,300	---	2	---	yes	10	yes	60	---	---	---	---	2679
60	60	5	5	---	---	---	---	---	180	---	---	---	---	10	no	60	---	---	---	---	2680
60	60	125	60	2	---	---	---	---	3,382	---	---	---	---	10	yes	60	---	---	yes	---	2681
60	60	9	3	8	---	---	---	---	140	---	---	---	---	10	no	60	no	---	---	no	2682
60	54	41	10	31	---	---	---	---	1,125	---	---	---	---	10	---	60	---	---	---	yes	2683
60	51	26	18	---	red.	10	---	---	700	---	---	---	---	10	---	60	---	---	---	---	2684
60	60	150	100	---	---	---	---	---	3,000	---	2	---	yes	10	---	60	---	---	---	---	2685
*	*	24	19	---	---	---	red.	15	650	---	---	---	---	10	---	60	---	---	---	---	2686
60	60	75	55	---	---	---	---	12	2,100	---	---	---	---	10	no	60	---	---	---	---	2677
60	60	100	48	52	---	15	inc.	4	2,100	---	---	---	---	10	---	45	---	---	---	---	2688
48	48	6	3	1	no	---	no	---	185	---	---	---	---	8	---	60	---	---	---	---	2689
60	60	175	102	6	---	---	---	---	3,650	---	2	---	yes	10	yes	60	---	---	yes	---	2690
48	48	18	12	2	---	---	---	---	740	---	---	---	---	8	---	60	---	---	---	---	2691
60	60	28	14	6	---	---	---	---	1,275	---	---	---	---	8	---	60	---	---	---	---	2692
60	60	75	40	---	---	---	---	---	1,225	---	---	---	---	10	no	60	yes	---	---	---	2693
48	48	16	10	1	---	---	---	---	420	---	1	---	yes	8	---	60	---	---	---	---	2694
60	60	50	14	---	---	---	---	---	520	---	---	---	---	10	---	60	no	---	yes	---	2695
60	60	9	5	4	---	---	---	---	275	---	---	---	---	10	---	60	---	---	---	---	2696
60	60	15	6	---	red.	---	red.	---	250	---	---	---	---	10	---	60	yes	---	---	---	2697
60	60	10	6	4	no	---	---	10	380	---	---	---	---	10	---	60	no	---	---	---	2698
60	---	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2699
60	60	13	12	---	no	---	no	---	325	no	---	---	---	10	no	60	no	no	yes	yes	2700
60	60	9	9	---	red.	---	red.	25	300	---	---	---	---	10	---	60	yes	---	---	---	2701
60	60	9	4	5	no	---	no	---	185	---	---	---	---	10	---	60	no	---	---	---	2702
60	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2703
60	60	12	12	---	no	---	no	---	380	no	---	---	---	10	no	60	yes	no	yes	yes	2704
60	---	35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2705
60	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2706
60	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2707
60	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2708
60	60	7	7	---	red.	---	red.	20	300	no	---	---	---	10	no	60	no	no	yes	yes	2709
60	48	30	14	---	---	---	---	10	325	---	---	---	---	10	---	60	---	---	---	---	2710
60	---	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2711
60	---	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2712
60	---	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2713
60	---	35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2714

* 144 hours.

CHANGES ORDERED IN 1894.

[The number refers to the inspection number in table.]

- No. 3.—Ordered hand rail on stairs.
- No. 6.—One railing ordered put at the head of stairs.
- No. 10.—Ordered two children under 14 years of age sent home, three sets of hand-rails and four railings on stairs.
- No. 12.—Ordered elevator to be guarded.
- No. 13.—Hand rail and railing to be put on stairs and two hatchways guarded.
- No. 18.—One exhaust fan ordered.
- No. 21.—Two hand rails and one railing for stairs to third floor.
- No. 33.—One hand rail for stairs ordered.
- No. 35.—Ordered a set of blowers.
- No. 36.—One hand rail for stairs ordered, also doors changed to swing out from the wood machine shop.
- No. 39.—Sent two children home who were under 14 years of age.
- No. 45.—One child under 14 years of age to be sent home.
- No. 47.—Ordered a child under 14 years of age to be sent home.
- No. 50.—One fire escape ordered.
- No. 64.—A fire escape ordered.
- No. 68.—One set of blowers ordered.
- No. 78.—Ordered a hand rail and one railing for stairs.
- No. 89.—Walls to be repaired in basement and pipe protected.
- No. 90.—One fire escape ordered.

- No. 94.—Ordered elevator protected, and one hand rail and one railing for stairs.
- No. 102.—Two sets hand rails and two sets railings ordered on stairs.
- No. 103.—One child under 14 years of age ordered sent home.
- No. 104.—Ordered four sets of hand rails and four sets of railings for stairs.
- No. 115.—A fire escape to be provided, also washroom and closet.
- No. 116.—A fire escape, wash room and closet called for.
- No. 130.—Two sets of hand rails required for stairs.
- No. 134.—Hoisting shafts are to be properly enclosed and trap doors provided for elevator shafts.
- No. 140.—Hand rail to be put on stairs.
- No. 142.—One hand rail ordered for stairs.
- No. 144.—Two hand rails ordered.
- No. 160.—Hand rail to be placed on stairs.
- No. 167.—A boy under 14 years of age sent home.
- No. 185.—Sent one boy home who was under 14 years of age.
- No. 189.—Required hand rails for two flights of stairs.
- No. 201.—Ordered one hand rail and two railings for stairs, also shifters on two saws and two belt openings protected.
- No. 202.—One hand rail to be provided.
- No. 204.—Ordered a boy under fourteen years of age to leave.
- No. 206.—An elevator ordered protected with proper gates and encased on side.
- No. 207.—Doors are to be changed to swing outward as required.
- No. 210.—A fire escape must be provided.
- No. 228.—Shaft must be guarded and hand rail for stairs provided.
- No. 240.—Ordered entrance to fire escape on second floor and doors on same floor to swing outward.
- No. 241.—Doors must swing outward as required.
- No. 242.—Elevator to be guarded in machinery building and shifters to be put on three machines not now supplied.
- No. 244.—Elevator must be properly guarded.

- No. 245.—Railing around main driving belt, pulley on engine, and automatic traps in elevator ordered.
- No. 247.—Seemed best to have upstairs doors to swing into large room and ordered them so.
- No. 248.—Required traps in elevator shaft and dust collector provided, also main pulley and belt on factory engine guarded.
- No. 251.—Must guard elevator.
- No. 252.—Required elevator guarded.
- No. 253.—Ordered guards over countershafts on two matchers.
- No. 259.—Guards for rip saw on second and third floors and dust collector on sander ordered.
- No. 264.—Ordered guard for projecting key on engine shaft and removal of set screw in collar on stave cutter countershaft.
- No. 266.—Called for hand rail on stairs and guard around fly wheel of engine shaft.
- No. 267.—Shifters on all machines and guards over counter shafts on stickers and planers ordered.
- No. 277.—Put fire escapes on rear of building.
- No. 279.—Guards to be placed around band wheel and main driving belt on engine, also around fly wheel on gummer.
- No. 280.—Hand rail needed on stairs.
- No. 282.—Elevator guards to be put in.
- No. 283.—Guard around balance wheel on shear was ordered.
- No. 290.—Ordered boy under 14 years of age sent home, and guard around fly wheel on engine, also guards for pulleys and belts on roll.
- No. 293.—Ordered fire escapes.
- No. 298.—Fire escapes re-ordered.
- No. 305.—Ordered floor between and behind duplex engines, and hand rail on stairs over line shaft, also dynamo belt guarded. Guard is to be placed around belt pit, from duplex engine to line shaft and belt from large engine to line shaft to be guarded. Guard was also ordered for belt running up to dynamo room and for rocker arm between small duplex engines.
- No. 306.—Provide elevator guard, guard on rip saw and rail around outside stairs.
- No. 310.—Doors changed to swing outward, elevator guarded on second floor and fire escapes placed on N. E. corner of building, also belt guarded.

No. 322.—Elevator and planer are to be guarded, countershafts are to be placed on three planers, and shifters on all machines not now supplied.

No. 323.—Hand rails on stairs were ordered.

No. 327.—Railing ordered around stair opening.

No. 330.—Re-ordered hand rails on stairs.

No. 349.—Driving pulley on engine to have a hand rail around it.

No. 353.—Automatic guards on elevator ordered, and fire escapes on S. E. corner of building.

No. 357.—Proper closets are to be provided, hand rails on stairs, one fire escape, and guards for elevator.

No. 358.—Ordered hand rails on stairs, and guard for rip saw on both first and second floors.

No. 366.—Exhaust fans or dust collector system must be provided.

No. 375.—Shifters for planer belts and guards for planer countershaft were ordered.

No. 390.—Ordered hand rail on stairs and holes guarded where slabs are dumped.

No. 399.—Ordered automatic guards on elevator and hand rails on stairs.

No. 402.—Elevator guards to be provided.

No. 405.—Ordered loose pulley on jointer and rip saw, guard for rip saw, and key extending from end of engine shaft, cut off or boxed in, also statements on file for boys under 16 years of age.

No. 410.—Doors to be changed and fire escapes on rear of building.

No. 411.—Required hand rails on stairs and railings around stairways.

No. 414.—Hand rails ordered on stairs, statements on file for boys under 16 years of age and closets kept properly cleaned.

No. 415.—Ordered hand rail on stairway.

No. 416.—Ordered hand rail on stairway.

No. 419.—Ordered saws guarded, and hand rail on stairs.

No. 420.—Hand rail on stairway ordered.

No. 423.—Statements required kept on file for boys under 16 years of age.

No. 429.—Automatic gates to be placed on all elevators and hand rails on two main stairways.

No. 431.—Ordered rails around and along stairways.



No. 432.—Fire escapes provided in two places, hand rails on stairways, and guard on rip saw.

— No. 433.—New stairs ordered with hand rail on same, and statements to be kept on file for boys under 16 years of age.

No. 435.—Elevators ordered guarded.

No. 446.—Ordered statements kept on file for boys under 16 years of age, and hand rails on stairs, also stairway used by females to be screened at sides and bottom.

No. 451.—Guard to be placed around pulley on engine shaft.

No. 452.—Hand rail ordered placed on stairs.

No. 463.—Ordered shifters on belts, guards for planer, countershafts and rip saw, and hand rails on stairs.

No. 464.—Rail required around stair opening and along stairs, also exhaust fan to carry off dust.

No. 466.—Required rip saw guarded, shifters on belts and loose pulleys provided.

No. 470.—Ordered statement kept on file for boys under 16 years of age.

No. 473.—Hand rails to be placed on stairs.

No. 474.—Guard ordered on rip saw and shifter on sticker belt.

No. 475.—Stairway is to be properly enclosed and provided with hand rail.

No. 480.—Automatic gates for elevator ordered.

No. 482.—Hand rail for stairs ordered.

No. 487.—One set screw to be removed and fire escape provided.

No. 489.—Ordered statement kept for two boys, also burnishers and polishers connected with blowers.

No. 492.—Automatic gates for shafts re-ordered.

No. 498.—Ordered one more closet.

No. 499.—New fire escapes for entire building.

No. 512.—Ordered stairs in place of straight ladders as fire escapes.

No. 515.—Ordered statement kept kept on file for one boy.

— No. 521.—Ordered statement filed for one girl.

No. 526.—Stair rail on stairs leading to bakery.

No. 527.—Ordered statements placed on file for two girls; also basement and closet properly cared for and closet enclosed, and stair rail provided in basement. The work room is to be put in good condition also.

No. 529.—Ordered statement kept on file for one girl.

No. 531.—Closet and water for sink ordered supplied.

No. 544.—One fire escape to be provided.

No. 546.—A set of cogs to be protected.

No. 548.—Place on file statement for one child under 16 years of age.

No. 549.—Obstructions to fire escapes to be removed and changes made in hoods on emery wheels.

No. 550.—Hand rails ordered put on all stairs.

No. 551.—Ordered statement placed on file for one boy.

No. 553.—Ordered closet kept clean.

No. 557.—Ordered statement placed on file for one boy.

No. 558.—One fire escape to be added and elevator opening on upper floor protected.

No. 562.—Ordered balcony fire escape.

No. 563.—Fire escape to be extended one story higher.

No. 564.—Required balcony fire escape.

No. 566.—Better sanitary condition needed.

No. 567.—Ordered proper closets, and sanitary condition improved.

No. 579.—One additional fire escape needed, protect cog wheels on ironer, and remove one set screw from starcher.

No. 588.—Ordered closets in better condition.

No. 590.—Closets to be enclosed and properly equipped and cleaned.

No. 591.—Ordered properly arranged closets.

No. 593.—Ordered statement placed on file for one boy.

No. 594.—Closet to be provided.

No. 598.—Ordered statements filed for two children under 16 years of age, and one extra closet put in, both to be kept in proper condition.

No. 599.—Another closet ordered.

- No. 601.—Another closet ordered and old one kept in better condition.
- No. 602.—Repair floor and remove set screw from mixer.
- No. 608.—Water to be supplied to closets.
- No. 609.—Poor sanitary condition, ordered change.
- No. 611.—Statement to be placed on file for one boy.
- No. 615.—Ordered statement on file for two boys.
- No. 616.—Ordered one stair railing.
- No. 621.—Guard elevator opening in each floor, cover one set screw in countershaft.
- No. 622.—Provide hand rail on one flight of stairs.
- No. 624.—Put in one hand rail for stairs.
- No. 633.—Provide dust arresters for emery wheels.
- No. 643.—One fire escape ordered.
- No. 644.—Required hand rail on stairs.
- No. 646.—Ordered statement placed on file for five boys, improvement of sanitary condition in lower closet, and splitter placed on split saw. Re-ordered fire escape.
- No. 649.—Better sanitary condition required in bakery.
- No. 651.—Ordered statement filed for one boy.
- No. 652.—Put in separate closet for women.
- No. 656.—Hand rail to be placed on stairs and opening railed.
- No. 659.—Guard large pulley and two saw belts, also put in system of dust arresting.
- No. 660.—Ordered separate closet for women, hoods on two polishing wheels, and change in automatic gates.
- No. 665.—Statement to be filed for one boy.
- No. 668.—Larger exhaust fan for emery wheels.
- No. 680.—Place hand rail on stairs leading to printing room.
- No. 683.—Cover set screw on coupling shaft.
- No. 685.—Protect openings in elevator shaft by automatic doors and provide lower stairs with hand rail.
- No. 686.—Protect elevator openings and provide hand rail for stairs.

- No. 687.—Elevator openings must be protected and stair rail provided.
- No. 688.—Required longer time for dinner.
- No. 689.—Hand rail for stairs to be put on.
- No. 692.—Statement to be filed for one boy, belting guarded, and blower cleaned to give proper draught.
- No. 694.—Guard equalizing saw.
- No. 697.—Place hand rail on stairs.
- No. 798.—Provide system of dust arresters.
- No. 702.—Ordered rails around stair openings on each floor.
- No. 705.—Ordered statement placed on file for one boy.
- No. 706.—Place hand rail on stairs leading to printing room.
- No. 707.—Ordered statements filed for two boys and automatic gates at elevator openings.
- No. 710.—Guard elevator on upper floor and place on file, statement for one boy.
- No. 711.—System of dust arresting ordered.
- No. 716.—Provide automatic gates on each floor for elevator shaft.
- No. 717.—Ordered automatic gates at elevator openings.
- No. 724.—Protect elevator openings, place guards on equalizing saws and in front of band saw and guard two shaper belts.
- No. 725.—Proper protection for elevator, guard jointer belt and two rip saws, and place shifter on jointer belt.
- No. 726.—Hand rail for stairs.
- No. 727.—Ordered hand rail for stairs.
- No. 728.—Ordered hand rail on stairs, proper protection for elevator, and guard for cog gearings on large planer.
- No. 729.—Guard main belt in main work shop, guard in front of band saw and provide proper protection for elevator.
- No. 734.—Required line shaft guarded.
- No. 736.—Place hand rail on stairs to second floor and protect elevator, also place guard at side of rip saw.
- No. 739.—Remove projecting pin from arm on main crank of pitman shaft.

- No. 742.—Guard cogs on end of iron lathes and cogs on one drill press.
- No. 743.—Ordered statements placed on file for two boys, proper protection for elevator, guard for cog gearings on planer, and hand rail on two flights of stairs.
- No. 746.—Sent two boys home under 14 years of age, ordered up notices of children employed, hand rails on two flights of stairs, and guards for two rip saws.
- No. 747.—Guard cog gearing on iron lathe.
- No. 748.—Guard belts from line shaft to dynamo.
- No. 749.—Place guard on one rip saw and one relishing saw.
- No. 752.—Post notices in rooms where children work.
- No. 753.—Required rip saw guarded and trap door provided for elevator.
- No. 757.—Hand rail for stairs, guard for rip saw and for cog gearings on planer ordered.
- No. 758.—Protect elevator and provide hand rail for stairs.
- No. 759.—Ordered two children under 14 sent home and notices posted in regard to hours of labor, also statements of children under 16 years of age placed on file.
- No. 763.—Guard cog gearings on planer, belt on boring machine and cut-off saw, also equalizing saw, and provide hand rails for two flights of stairs.
- No. 766.—Ordered statements kept on file for six boys under 16 years and sent home one boy under 14. Also hand rail for stairs and proper protection for elevator.
- No. 767.—Required trap door for elevator.
- No. 771.—Place hand rail on stairs, case in elevator shaft at stair landing and properly protect the same.
- No. 772.—Ordered guard for cog gearings on sander, shifters for planer belt, and hand rail placed on stairs.
- No. 774.—Automatic traps for elevator.
- No. 777.—Automatic doors ordered for elevator, hand rails for two flights of stairs, and guard for cog gearings on main shaft where men go to shut off water.
- No. 779.—Place hand rail on stairs, guard in front of band saw and provide shifter for main belt to planer.
- No. 782.—Closet to be cleaned and repaired and exhaust fan to be provided for two emery wheels.
- No. 784.—Ordered guard for planer cut-off saw belts.
- No. 788.—Cog gearings on paper cutter to be guarded and automatic traps provided for one elevator.

No. 792.—Guard rip saw on first floor.

No. 795.—Shifters for belt on rip saw ordered.

No. 796.—Rip saw ordered guarded.

No. 798.—Hand rail for stairs, and trap for elevator, with some substantial protection around the elevator on first floor.

No. 800.—Ordered hand rail for stairs and guard for rip saw.

No. 803.—Guard one rip saw and one cut-off saw and provide exhaust fans for four emery wheels.

No. 804.—Place hand rail on stairs from main work room to street.

No. 807.—Required one rip saw guarded and automatic traps for two elevators.

No. 808.—One rip saw to be guarded.

No. 809.—Guard one rip saw.

No. 810.—Ordered hand rails for two flights of stairs, guards for planer belt and rip saw belt, better support for floor over wood machine shop, automatic elevator trap, and required notices posted of labor hours, also a system of exhaust fans in machine shop and sanding room.

No. 811.—Guard cog gearings on two drill presses.

No. 812.—Hand rails ordered on two flights of stairs, guards on side and back of cut-off saw and guard on rip saw. Elevator to be protected on second floor.

No. 813.—Guides for cog gearings on two drill presses and on side of drive wheel was ordered.

No. 814.—Ordered band saw, rip saw and cog gearings on planer guarded also exhaust fans for two emery wheels in blacksmith shop.

No. 815.—Guard main belt and outer shaft to planer, also band saw.

No. 818.—Rip saw and cog gearing on one drill press to be guarded.

No. 819.—Ordered cog bearings on drill press guarded.

No. 822.—One fire escape ordered on front of building.

No. 823.—Protect elevator openings.

No. 824.—Window to be changed and hand rail placed on stairs.

No. 831.—Hand rail on stairs and railing around stairway ordered.

No. 832.—Ordered two hand rails for stairs.

No. 835.—Door to be changed.

- No. 836.—One door to be changed to swing outward.
- No. 837.—Ordered five boys and three girls sent home.
- No. 838.—Ordered six boys under 14 years of age sent home.
- No. 844.—Two hand rails ordered.
- No. 845.—One hand rail and railing ordered.
- No. 854.—Sent home four girls under 14 years of age.
- No. 859.—Gearing, belting, and shafting to be properly covered or guarded.
- No. 860.—Ordered eight boys under 14 years of age sent home.
- No. 861.—Sent home three boys under 14 years of age.
- No. 862.—Main shaft to be covered and all gearing guarded.
- No. 868.—Ordered one set of hand rails and one railing.
- No. 869.—Door to swing out, four belts guarded and a new closet to be put in.
- No. 875.—Ordered one hand rail and one railing.
- No. 878.—One hand rail and railing.
- No. 891.—Required three hand rails and three railings.
- No. 899.—Ordered one fire escape and a new closet.
- No. 903.—One hand rail ordered.
- No. 920.—Ordered one hand rail.
- No. 922.—One hand rail to be put in.
- No. 924.—Required one hand rail.
- No. 927.—One shaft ordered covered.
- No. 928.—A shaft covered.
- No. 929.—Ordered four boys sent home.
- No. 930.—Ordered main shaft covered.
- No. 941.—Five boys sent home.
- No. 942.—Main shaft to be covered.
- No. 950.—One fire escape needed.
- No. 962.—Ordered railing around belts and opening around marine leg on first floor.

- No. 957.—Ordered one boy under 14 years of age sent home.
- No. 958.—Ordered a railing on third floor, hand rails on first and second floors, elevator protected on three floors, and fire escape windows to be opened.
- No. 960.—One fire escape ordered.
- No. 968.—Set of blowers ordered.
- No. 970.—Notices of hours of labor to be posted and five girls sent home.
- No. 973.—One boy under 14 years of age sent home.
- No. 976.—Ordered set of blowers.
- No. 977.—Ordered one hand rail.
- No. 980.—One hand rail and one railing ordered.
- No. 988.—One hand rail ordered.
- No. 997.—Provided hand rail.
- No. 998.—Place guard around small engine on first floor.
- No. 1002.—Hand rail on outside stairs.
- No. 1004.—Ordered two boys under 14 years of age sent home, and guards placed around belts on second floor.
- No. 1005.—Eight children under 14 years of age sent home, and main shaft to be covered.
- No. 1038.—Ordered fire escape in rear of building to reach center windows and up to top floor.
- No. 1100.—Ordered boy under 14 years of age sent home.
- No. 1107.—Required one fire escape.
- No. 1108.—Ordered three boys discharged, and statements kept on file for children under 16 years of age.
- No. 1113.—Two hand rails and one railing to be provided.
- No. 1125.—Three sets of hand rails and two railings at head of stairs ordered.
- No. 1127.—One set of stair railings.
- No. 1128.—Guard two belts and one pulley.
- No. 1133.—Ordered two sets of hand rails, gates to one elevator, and one opening enclosed.
- No. 1145.—Ordered one boy under 14 years of age sent home.

- No. 1147.—Ordered three hand rails and two railings.
- No. 1152.—Provide two sets hand rails.
- No. 1158.—One hand rail ordered.
- No. 1161.—Three hand rails and three railings to be put in.
- No. 1162.—Protect one stairway.
- No. 1163.—Two hand rails and one railing required.
- No. 1173.—Ordered one hand rail.
- No. 1174.—Ordered two hand rails and three railings.
- No. 1178.—One hand rail and two railings ordered.
- No. 1185.—Protect main shaft.
- No. 1189.—One hand rail and one railing to be put on stairs.
- No. 1192.—One railing ordered.
- No. 1196.—One hand rail ordered.
- No. 1197.—Two railings and two hand rails required.
- No. 1205.—Ordered one hand rail and one railing.
- No. 1208.—Required a hand rail and railing.
- No. 1219.—Required hand rail and railing.
- No. 1221.—One hand rail and railing ordered.
- No. 1223.—One hand rail and railing to be provided.
- No. 1228.—One hand rail and railing ordered.
- No. 1230.—Three hand rails and one railing needed.
- No. 1233.—One belt to be protected.
- No. 1234.—Ordered two hand rails.
- No. 1240.—Shaft, belting, and gearing covered and guarded.
- No. 1242.—Provide one hand rail and one railing.
- No. 1244.—Hand rail and railing to be provided, and gearing and machinery proper guarded.
- No. 1247.—Ordered two hand rails.
- No. 1249.—Two hand rails and two railings.

- No. 1250.—Ordered railings on all stairs, and hand rails on five flights of stairs.
- No. 1251.—One hand rail required.
- No. 1253.—One hand rail ordered.
- No. 1254.—Provide one hand rail.
- No. 1258.—Ordered three hand rails and two railings.
- No. 1264.—Two hand rails and two railings to be provided.
- No. 1265.—Three hand rails and one railing ordered.
- No. 1266.—Ordered one hand rail and one railing.
- No. 1275.—Hand rail and railing required.
- No. 1276.—Well-hole to be covered.
- No. 1292.—Ordered belts and pulleys guarded, loose pulleys and shifters put up.
- No. 1294.—Hand rail needed.
- No. 1295.—Loose pulley and shifter to be put on rip saw, and one hand rail put in.
- No. 1296.—Required one hand rail.
- No. 1309.—Guard six drive belts.
- No. 1310.—Post notices of hours of labor, and provide stairs with hand rail.
- No. 1312.—Ordered elevator protected.
- No. 1314.—Guard elevator in main room on first floor, provide stronger support for trap of same elevator, and automatic doors in side room,
- No. 1316.—Guard cog gearings on three drill presses.
- No. 1317.—Fire escape ordered on north side of building.
- No. 1319.—Ordered elevator protected and fire escape to be placed on front side of building.
- No. 1324.—Ordered automatic traps or doors for elevator in back part of south wing and one emery wheel repaired.
- No. 1325.—Guard cog gearings on iron lathe and drill press.
- No. 1327.—Cog gearings on sander to be guarded on both sides and band saw guarded also.
- No. 1328.—Protect elevator properly.
- No. 1329.—Ordered hand rail for stairs.
- No. 1331.—Hand rail to be placed on stairs.

- No. 1333.—Automatic gates required for elevators.
- No. 1334.—Guard iron planer belt and pulley and guard shaft on the side of same, which has projecting set screw.
- No. 1336.—Ordered guard for blower belt in wood shop, for rip saw, and cog gearings on four drill presses also protection for elevator and cog gearings on sander.
- No. 1337.—Planer and jointer belts to be guarded and front of band saw.
- No. 1338.—Cog gearings on milling machine wheel lathe to be guarded.
- No. 1340.—Protect elevator.
- No. 1341.—Spoke auger belt and cog gearings on one drill press to be guarded, also provide automatic doors for two elevators.
- No. 1443.—Ordered better system of exhaust fans for wood-working machinery.
- No. 1344.—Guard spoke auger belt, cog gearings on two drill presses and one cut off saw.
- No. 1345.—Ordered guards for cog gearings on spring rolling machine and drill press.
- No. 1347.—Required automatic doors for elevator.
- No. 1349.—Provide automatic doors for elevator.
- No. 1351.—Ordered guards for belt on main drive wheel and for cog gearings on one drill press.
- No. 1353.—Belts on shaper and planer to be guarded, and hand rail to be placed on stairs.
- No. 1355.—Automatic doors needed for elevator.
- No. 1356.—Automatic doors for two elevators ordered.
- No. 1358.—Notices of work hours are to be posted and records kept of children employed, also automatic doors provided for elevator.
- No. 1359.—Provide automatic doors for elevator.
- No. 1361.—Ordered statements placed on file for children employed, notices posted of hours of labor, and hand rails provided for four flights of stairs; also automatic doors for elevator.
- No. 1362.—Automatic doors for elevator ordered.
- No. 1366.—Post notices of hours of labor, place on file statements for children employed, guard band saw and planer belt and put in automatic doors for elevator.
- No. 1367.—Case in elevator shaft on first floor and provide trap door.
- No. 1372.—Ordered automatic doors for elevator.
- No. 1377.—Hand rail for one flight of stairs, and automatic doors for elevator ordered.
- No. 1378.—Provide automatic doors for elevator.

- No. 1381.—Automatic doors for elevator needed in store room.
- No. 1383.—Ordered automatic doors for elevator and hand rail for stairs; also notices of hours of labor posted.
- No. 1384.—Automatic doors for elevator required.
- No. 1387.—Ordered proper protection for elevator.
- No. 1390.—Required protection for elevator in paint and blacksmith shops.
- No. 1391.—Ordered elevator protected.
- No. 1393.—Automatic doors for elevator required.
- No. 1394.—Protect elevator properly.
- No. 1397.—Guard planer belts and front of band saw; provide hand rail for stairs and better system of exhaust fans.
- No. 1398.—Ordered hand rail for stairs and guard for shaper belt.
- No. 1399.—Automatic traps or doors required for elevator.
- No. 1400.—Ordered proper protection for elevator.
- No. 1401.—Guard ordered in front of band saw, and for cog gearings on testing machine.
- No. 1402.—Ordered automatic traps or doors for three elevators.
- No. 1405.—Ordered statements filed with names and ages of children employed; hand rails for four pair of stairs, and floor repaired at foot of stairs.
- No. 1406.—Ordered railing along gallery of cooler, and on top of kettles, and hand rails on all stairs.
- No. 1408.—Ordered hand rails on all stairs.
- No. 1413.—Ordered cogs on slat carrier covered.
- No. 1414.—Ordered hand rail on stairs, and counter-shaft of boring machine cased in.
- No. 1419.—Ordered railing around fly wheel and large belt in engine room, and a suitable closet provided.
- No. 1422.—Ordered one elevator properly guarded and to provide suitable fire escapes.
- No. 1424.—Ordered statements filed with names and ages of children who were employed.
- No. 1427.—Ordered system of exhaust fans, hand rails on stairs, and guards for belting.
- No. 1428.—Ordered statements filed of names and ages of children employed, automatic traps or doors for elevator, and one exhaust fan.

- No. 1429.—Ordered a system of dust arresters.
- No. 1432.—Ordered statements filed with names and ages of children employed.
- No. 1433.—Ordered statements filed with names and ages of children employed; automatic doors for elevator, hand rails for lower stairs, and guard around fly-wheel in engine room.
- No. 1435.—Ordered statements filed with names and ages of children employed, and hand rail on stairs.
- No. 1436.—Ordered statements filed with names and ages of children employed; hand rails for stairs, guards for set screws, and a system of dust arresters.
- No. 1438.—Ordered two boys discharged that were under 14 years of age; suggested an older person to operate planer, and a system of exhaust fans.
- No. 1439.—Ordered hand rails for stairs.
- No. 1442.—Ordered hand rails on stairs, and guards for belting.
- No. 1447.—Ordered two boys discharged who were under 14 years of age; statements filed of names and ages of children employed, and a system exhaust fans.
- No. 1448.—Ordered statements filed with names and ages of children employed.
- No. 1449.—Ordered hand rails on stairs, and provide screens at sides and bottom.
- No. 1450.—Ordered separate closets for women.
- No. 1452.—Ordered hand rails for stairs, change doors to swing out, and cover set screws.
- No. 1463.—Ordered two boys discharged who were under 14 years of age; statements filed with names and ages of children employed, and proper protection for elevator.
- No. 1465.—Ordered hand rails for stairs.
- No. 1466.—Ordered hand rails for stairs.
- No. 1468.—Ordered several saws connected with exhaust fan.
- No. 1472.—Ordered dynamo belts guarded.
- No. 1473.—Ordered closet cleaned.
- No. 1477.—Ordered statements filed with names and ages of children employed, and hand rail on one pair of stairs.
- No. 1478.—Ordered statements filed with names and ages of children employed.
- No. 1480.—Ordered separate closet for females.
- No. 1495.—Ordered a hand rail on stairs.
- No. 1496.—Ordered hoods on all saws and connect them with blower.

- No. 1492.—Ordered hand rails on stairs.
- No. 1493.—Ordered one boy discharged who was under 14.
- No. 1496.—Ordered statements filed with names and ages of children employed.
- No. 1498.—Ordered one boy discharged who was under 14 years of age, and statements filed with names and ages of children employed.
- No. 1505.—Ordered hand rails on three pair of stairs.
- No. 1508.—Ordered cog gearings, cable and pulley guarded.
- No. 1509.—Ordered several set screws covered.
- No. 1510.—Ordered hand rails on one pair of stairs.
- No. 1514.—Ordered elevator protected on second floor.
- No. 1520.—Ordered statements filed with names and ages of children employed.
- No. 1522.—Ordered statements filed with names and ages of children employed.
- No. 1526.—Ordered hand rails and railing around opening of one pair of stairs.
- No. 1527.—Ordered hand rails on one pair of stairs.
- No. 1529.—Ordered statements filed with names and ages of children employed.
- No. 1533.—Ordered two doors changed to swing out.
- No. 1537.—Ordered statements filed with names and ages of children employed, and proper protection for elevator.
- No. 1539.—Ordered a longer time for dinner, and separate closet for females.
- No. 1542.—Ordered hand rails on all stairs, and railings around openings.
- No. 1544.—Ordered statements filed with names and ages of children employed, and proper protection for elevator.
- No. 1548.—Ordered statements filed with names and ages of children employed; hand rails on all stairs and railing along bridge and passage.
- No. 1549.—Ordered hand rails on one pair of stairs.
- No. 1561.—Ordered exhaust fans for emery wheels and polishers.
- No. 1565.—Ordered another exhaust fan and hoods for spotter.
- No. 1572.—Ordered statements filed with names and ages of children employed.
- No. 1578.—Ordered statements filed with names and ages of children employed.
- No. 1579.—Ordered longer time for dinner hour.
- No. 1580.—Ordered hand rails on stairs and floor repaired.
- No. 1581.—Ordered statements filed with names and ages of children employed.

No. 1602.—Ordered closet cleaned.

No. 1603.—Ordered several machines connected with blower.

No. 1608.—Ordered hand rails on stairs, and an exhaust fan.

No. 1611.—Ordered statements filed with names and ages of children employed.

No. 1617.—Ordered statements filed with names and ages of children employed, and several machines connected with blower.

No. 1621.—Ordered statements filed with names and ages of children employed.

No. 1624.—Ordered several set screws covered.

No. 1632.—Ordered hand rails on one pair of stairs.

No. 1635.—Ordered statements filed with names and ages of children employed, and automatic protection for elevator.

No. 1636.—Ordered statements filed with names and ages of children employed.

No. 1637.—Ordered statements filed with names and ages of children employed.

No. 1644.—Ordered statements filed with names and ages of children employed, and hand rails on one pair of stairs.

No. 1645.—Ordered statements filed with names and ages of children employed, and two fire escapes.

No. 1646.—Ordered statements filed with names and ages of children employed.

No. 1647.—Ordered one boy under fourteen discharged.

No. 1649.—Ordered automatic traps or doors for elevator.

No. 1655.—Ordered automatic traps or doors for elevator.

No. 1665.—Ordered automatic traps or doors for elevator.

No. 1666.—Ordered guards for main belt, for belt to rotary shaft, for belt to paper cutter, for two belts on small engine, and a trap door for one elevator.

No. 1667.—Ordered cog gearings guarded on two drill presses, and guard belts and pulleys on two band saws.

No. 1668.—Ordered automatic traps or doors for elevator.

No. 1669.—Ordered planer belt guarded.

No. 1670.—Ordered guard for shaft on north side of work room below, and proper protection for elevator in back shop.

No. 1671.—Ordered automatic traps or doors for elevator.

No. 1673.—Ordered guard for spoke auger belt, and one fire escape on the west side of factory at south end.

- No. 1676.—Ordered automatic traps or doors for elevator.
- No. 1677.—Ordered children discharged under 14 years of age, and statements filed with names and ages of children employed.
- No. 1678.—Ordered child under 14 years of age discharged; statements filed with names of children employed, and notices posted in the rooms where they work.
- No. 1679.—Ordered the child under fourteen years of age discharged, and statements filed with names and ages of children employed.
- No. 1680.—Ordered statements filed with names and ages of children employed.
- No. 1681.—Ordered hand rail for one pair of stairs, guards for planer, rip saw, and sticker belts, and post notices of hours of labor required of those under eighteen years of age.
- No. 1682.—Ordered hand rails for stairs and automatic trap or door for elevator.
- No. 1683.—Ordered hand rails for two pairs of stairs and automatic traps or doors for elevator.
- No. 1684.—Ordered guards for belt and pulley on bolt heading machine, guard belt and cog gearings on tapering roll machine, hand rail for stairs in steel room exhaust fans for buffers, and emery wheels in stove mounting room, guard in front of band saw in wood shop, and file statements with names and ages of children employed.
- No. 1685.—Ordered automatic traps or doors for two elevators.
- No. 1686.—Hand rail for stairs and one fire escape on the east side of the factory.
- No. 1687.—Ordered main line shaft boxed in.
- No. 1689.—Ordered set screws covered on counter shaft up stairs, guard for band saw and sticker belts, hand rail for stairs, and connect the exhaust fan with sander and planer.
- No. 1691.—Ordered hand rail for stairs, and provide automatic traps or doors for elevator.
- No. 1692.—Ordered one boy discharged who was under fourteen years of age.
- No. 1693.—Ordered one fire escape on the west side of factory.
- No. 1694.—Ordered main belt and sander belt guarded, and automatic traps or doors for elevator.
- No. 1697.—Guard main belt in foundry and cog gearings on rattlers; also provide exhaust fans for emery wheels.
- No. 1700.—Ordered guard for cog gearings on two drill presses, shifters for belts on cut off saw and planer, said belts running from main shaft to counter shaft.
- No. 1703.—Protect elevator.

- No. 1704.—Guard cog gearings on two drill presses.
- No. 1705.—Protect elevator and place hand rail on stairs.
- No. 1706.—Ordered hand rails placed on four flights of stairs.
- No. 1707.—Ordered guard for cog gearings on roller press and plate machine and screen for fire escape.
- No. 1710.—Sent home five boys under 14 years, and ordered statements placed on file for three under 16 years; also ordered guards for cog gearing on press machine and spring machine.
- No. 1711.—Protect elevator properly.
- No. 1713.—Guard ordered on belt of boring machine, hand rail on five flights of stairs, and elevator properly protected in machine shop.
- No. 1715.—Guard rip saw and elevator.
- No. 1716.—Place hand rail on stairs and guard rip saw.
- No. 1717.—Guard one rip saw and one cross-cut saw.
- No. 1718.—Ordered cog gearings on paper roll guarded and protection for elevator in west part of building.
- No. 1720.—Furnish proper protection for elevator.
- No. 1721.—Provide automatic doors for elevator.
- No. 1724.—Ordered two boys under 14 sent home and required proper protection for elevator.
- No. 1725.—Hand rail to be placed on stairs.
- No. 1726.—Protect elevator.
- No. 1729.—Guard elevator openings.
- No. 1730.—Ordered hand rail for two flights of stairs, protection for elevator openings, and guard for belt on boring machine.
- No. 1732.—Guard ordered for main belt from main shaft to counter-shaft on planer, and one for counter-shaft. Remove one set screw and provide hand rail for stairs.
- No. 1733.—Provide hand rail for stairs, and guard for cog gearing on drill press. Closet to be cleaned and moved.
- No. 1739.—Exhaust fan to be placed on emery wheels, and elevator protected.
- No. 1797.—Ordered cog gearings on planer guarded.
- No. 1799.—Ordered automatic traps or doors for elevator, guard for main belt on engine and hand rails for one pair of stairs.
- No. 1801.—Ordered belt and pulley boxed in on rip saw.

- No. 1803.—Ordered hand rail for stairs, guard and shifter for belt to equalizer saws.
- No. 1804.—Ordered main drive belt boxed in.
- No. 1806.—Ordered automatic traps or doors for elevator.
- No. 1808.—Ordered one fire escape.
- No. 1895.—Ordered the boys under fourteen discharged.
- No. 1896.—Ordered hand rail for stairs.
- No. 1898.—Ordered automatic traps or doors for elevator.
- No. 1900.—Ordered hand rails on stairs, and guard pulleys and belts on driving end of rolls; also guard around scouring machine.
- No. 1909.—Ordered two rip saws guarded.
- No. 1914.—Ordered one rip saw guarded.
- No. 1926.—Ordered the boys discharged who were under fourteen years of age, and to file statements with names and ages of children employed.
- No. 1931.—Ordered statements filed with names and ages of children employed.
- No. 1941.—Ordered hand rail on stairs, and statements filed with names and ages of children employed.
- No. 1942.—Ordered hand rails for stairs.
- No. 1945.—Ordered three boys under fourteen years of age discharged, and statements filed with names and ages of children employed.
- No. 1946.—Ordered railing around band wheel on engine shaft, guard over counter-shaft on planer and matcher, and shifter on planer belt.
- No. 1948.—Ordered shifter for planer belt, guard for rip saw between planer and sticker, guard for planer counter-shaft, and a system of exhaust fans.
- No. 1952.—Ordered planer counter-shaft guarded, shifter for planer belt, and statements filed with names and ages of children employed.
- No. 1954.—Ordered boys under fourteen years of age discharged, guard for counter-shaft that runs bed planer, a guard in front of driving pulley on planing mill engine, and shifter on planer belt.
- No. 1967.—Ordered belts guarded in lower part of mill.
- No. 1970.—Ordered one saw guarded, protect counter-shafts and belts on jointer and shaper, and statements filed with names and ages of children employed.
- No. 1976.—Ordered a system of exhaust fans.
- No. 1980.—Ordered hand rails on stairs in saw mill.
- No. 1986.—Ordered statements filed with names and ages of children employed, and one rip saw guarded.

- No. 1997.—Ordered hand rail on stairs and engine drive pulley guarded.
- No. 1999.—Ordered hand rail on stairs and shifter for planer belt.
- No. 2008.—Ordered counter-shafts on planer and sticker guarded and shifter on planer belt.
- No. 2012.—Ordered pulley on engine shaft guarded, and belt to bolting saw guarded.
- No. 2013.—Ordered statements filed with names and ages of children employed.
- No. 2026.—Ordered one rip saw guarded, shifters for both planer belts, guard over counter-shaft of bed planer.
- No. 2023.—Ordered statements filed with names and ages of children employed.
- No. 2035.—Ordered hand rails on stairs.
- No. 2036.—Ordered hand rails on stairs, two saws guarded and automatic traps or doors for elevator.
- No. 2038.—Ordered hand rails on stairs.
- No. 2041.—Ordered statements filed with names and ages of children employed.
- No. 2045.—Ordered statements filed with names and ages of children employed.
- No. 2056.—Ordered statements filed with names and ages of children employed, cog gearings on press machines guarded, and set screws guarded.
- No. 2058.—Ordered large belt in power house guarded.
- No. 2060.—Ordered several set screws covered, and statements filed with names and ages of children employed.
- No. 2061.—Ordered two set screws covered, and statements filed with names and ages of children employed.
- No. 2063.—Ordered elevator protected with automatic trap doors.
- No. 2074.—Ordered hand rails on stairs.
- No. 2076.—Ordered one boy under fourteen years of age discharged, and statements filed with names and ages of children employed.
- No. 2079.—Ordered automatic traps or doors for elevator.
- No. 2081.—Ordered automatic traps on doors for elevator and sander connected with blower.
- No. 2085.—Ordered one boy discharged who was under fourteen years of age, hand rails on stairs, and band saw guarded.
- No. 2086.—Ordered statements filed with names and ages of children employed, and rip saw belt and cogs on drag saw guarded.
- No. 2095.—Ordered hand rails on stairs and stair openings and belts and pulleys guarded.
- No. 2101.—Ordered hand rails for stairs, and larger pipe from rip saw to blower.

- No. 2104.—Ordered hand rails on stairs and several belts guarded.
- No. 2105.—Ordered hand rails on stairs and cog gearing on planer guarded.
- No. 2112.—Ordered statements filed with names and ages of children employed, and floor repaired.
- No. 2115.—Ordered main belt guarded,
- No. 2116.—Ordered hand rails on all stairs.
- No. 2118.—Ordered rip saw connected with blower.
- No. 2119.—Ordered two boys under fourteen years of age discharged.
- No. 2124.—Ordered an automatic trap door for elevator and two belts on second floor cased in.
- No. 2127.—Ordered statements filed with names and ages of children employed, automatic trap doors for elevator and repair blow pipe to sander.
- No. 2128.—Ordered hand rails on stairs and at stair openings.
- No. 2134.—Ordered a better system of exhaust fans.
- No. 2135.—Ordered statements filed with names and ages of children employed, and hand rails on all stairs.
- No. 2136.—Ordered hand rails on stairs, and belt and pulley of jig saw guarded.
- No. 2139.—Ordered hand rails on stairs and railings at openings.
- No. 2145.—Ordered hand rails on all stairs.
- No. 2148.—Ordered one elevator repaired and one provided with automatic traps or doors.
- No. 2151.—Ordered separate closet for females.
- No. 2160.—Ordered statements filed with names and ages of children employed.
- No. 2161.—Ordered statements filed with names and ages of children employed, and belts of sander, boring machine and shaper cased in.
- No. 2162.—Ordered cog gearing on winding machine and set screws covered.
- No. 2164.—Ordered statements filed with names and ages of children employed, and a system of exhaust fans.
- No. 2165.—Ordered statements filed with names and ages of children employed; cog gearings and set screws on winding machines on two floors covered.
- No. 2166.—Ordered rip saw guarded, band saw and sander connected with blower, and lower wheel of band saw cased in.
- No. 2167.—Ordered hand rails on all stairs.
- No. 2170.—Ordered hand rails on all stairs and stair openings.

No. 2171.—Ordered statements filed with names and ages of children employed; automatic traps or doors for elevator, and belting running through floor cased in.

No. 2174.—Ordered hand rails on stairs and at stair openings.

No. 2176.—Ordered railing at stair openings and railing on upper stairs.

No. 2178.—Ordered hand rails on stairs.

No. 2180.—Ordered statements filed with names and ages of children employed; automatic traps or doors for elevator; changed doors at head of stairs to swing out; case in shaper belt, and provide a system of exhaust fans.

No. 2181.—Ordered statements filed with names and ages of children employed.

No. 2184.—Ordered hand rails on stairs, and a better system of exhaust fans.

No. 2189.—Ordered statements filed with names and ages of children employed.

No. 2190.—Ordered bolting saw guarded in the rear.

No. 2200.—Ordered statements filed with names and ages of children employed; hand rails on stairs and belts guarded.

No. 2201.—Ordered statements filed with names and ages of children employed, and hand rails for stairs.

No. 2203.—Ordered automatic traps or doors for elevator, hand rails for stairs, belt on one sander guarded, and one fire escape on north side of factory.

No. 2206.—Ordered matcher belt guarded.

No. 2209.—Ordered statements filed with names and ages of children employed.

No. 2210.—Ordered statements filed with names and ages of children employed.

No. 2211.—Ordered hand rails on stairs repaired and an exhaust fan for clothes pin machine.

No. 2212.—Ordered statements filed with names and ages of children employed.

No. 2214.—Ordered statements filed with names and ages of children employed, and hand rails on stairs in saw mill.

No. 2217.—Ordered one boy discharged who was under fourteen years of age, and statements filed with names and ages of children employed.

No. 2222.—Ordered statements filed with names and ages of children employed.

No. 2224.—Ordered statements filed with names and ages of children employed.

No. 2227.—Ordered six girls discharged who were under fourteen years of age.

No. 2229.—Ordered hand rail on stairs.

- No. 2230.—Ordered hand rails on all stairs and railing around fly wheel and main belt in engine room.
- No. 2231.—Ordered statements filed with names and ages of children employed.
- No. 2233.—Ordered one boy discharged who was under fourteen years of age.
- No. 2234.—Ordered belting on second floor guarded.
- No. 2235.—Ordered statements filed with names and ages of children employed.
- No. 2237.—Ordered statements with names and ages of children employed, filed in this office.
- No. 2241.—Ordered railing on platforms of grainers.
- No. 2242.—Ordered one boy discharged who was under fourteen years of age.
- No. 2247.—Ordered hand rail on lower stairs and belts on buzz planer guarded.
- No. 2249.—Ordered statements filed with names and ages of children employed.
- No. 2251.—Ordered hand rails on two pairs of stairs and railing around cooling vat.
- No. 2254.—Ordered statements filed with names and ages of children employed.
- No. 2255.—Ordered one boy discharged who was under fourteen years of age.
- No. 2256.—Ordered one boy discharged that was under fourteen years of age, and statements filed with names and ages of children employed, and railing on platforms over grainers.
- No. 2258.—Ordered hand rails on stairs.
- No. 2260.—Ordered three boys discharged who were under fourteen years of age, and statements filed with names and ages of children employed.
- No. 2261.—Ordered statements filed with names and ages of children employed, hand rails on stairs, and guard for pulley and belt in lath mill.
- No. 2263.—Ordered statements filed with names and ages of children employed, and hand rails on all stairs.
- No. 2264.—Ordered statements filed with names and ages of children employed, railing on platforms over grainer vats, guard for belt, and floor to be repaired in cooper shop.
- No. 2266.—Ordered statements filed with names and ages of children employed.
- No. 2268.—Ordered two boys discharged who were under fourteen years of age, and statements filed with names and ages of children employed.
- No. 2269.—Ordered railing on platform over grainer vats.
- No. 2270.—Ordered statements filed with names and ages of children employed.

- No. 2274.—Ordered statements filed with names and ages of children employed, railing in gallery of salt block, exhaust fans for heading saws, new platform in well tower, with railing and guard back of cut-off saw in planing mill.
- No. 2276.—Ordered statements filed with names and ages of children employed, and automatic traps or doors for elevator.
- No. 2277.—Ordered belts on planer guarded.
- No. 2279.—Ordered stairs provided with hand rails.
- No. 2280.—Ordered separate closet for females.
- No. 2281.—Ordered hand rails on stairs.
- No. 2283.—Ordered statements filed with names and ages of children employed.
- No. 2284.—Ordered statements filed with names and ages of children employed.
- No. 2285.—Ordered guard for belt in saw mill. (Complied with the law at once.—Insp.)
- No. 2288.—Ordered statements filed with names and ages of children employed, and a separate closet for females.
- No. 2292.—Ordered several belts guarded, hoods on saws and sander, and connected with blower.
- No. 2295.—Ordered stairs changed with hand rails provided for stairs and openings.
- No. 2313.—Ordered hand rails for stairs, belting, and two cog gears guarded.
- No. 2321.—Ordered automatic traps or doors for elevator.
- No. 2325.—Ordered automatic traps or doors for elevator.
- No. 2337.—Ordered hand rails for one pair of stairs.
- No. 2339.—Ordered hand rails on one pair of stairs.
- No. 2343.—Ordered main line-shaft guarded.
- No. 2345.—Ordered automatic traps or doors for elevator, hand rails for three pairs of stairs and gearing and shaft to be guarded.
- No. 2361.—Ordered hand rails for five pairs of stairs and railing at two openings.
- No. 2374.—Ordered one elevator protected with automatic traps or doors and hand rails for one pair of stairs.
- No. 2375.—Ordered automatic traps or doors for one elevator, and one fire escape.
- No. 2383.—Ordered one hand rail, and railings for stairs.
- No. 2385.—Ordered hand rails on one pair of stairs.
- No. 2391.—Ordered hand rails for two pairs of stairs and one elevator cased in.

- No. 2402.—Ordered five emery wheels guarded.
- No. 2407.—Ordered seven hand rails on stairs.
- No. 2413.—Ordered hand rails on one pair of stairs.
- No. 2415.—Ordered eight girls and five boys discharged who were under fourteen years of age, automatic traps or doors for elevator and water closet cleaned.
- No. 2422.—Ordered automatic traps or doors for elevator on first and second floors, one hand rail ordered on stairs and guard around pulleys and belts in engine room.
- No. 2430.—Ordered hand rails on one flight of stairs.
- No. 2431.—Ordered statements filed with names and ages of children employed.
- No. 2434.—Ordered automatic traps or doors for elevator.
- No. 2437.—Ordered hand rails for one flight of stairs.
- No. 2441.—Ordered statements filed and registers kept with names and ages of children employed.
- No. 2444.—Ordered elevator repaired.
- No. 2449.—Ordered one boy discharged who was under fourteen years of age.
- No. 2451.—Ordered one boy sent home who was under fourteen years of age, and a system of exhaust fans.
- No. 2452.—Ordered one boy discharged who was under fourteen years of age, and a system of exhaust fans.
- No. 2460.—Ordered statements filed and registers kept of children employed.
- No. 2463.—Ordered hand rails for two flights of stairs.
- No. 2472.—Ordered elevator repaired.
- No. 2478.—Ordered one door changed to swing out.
- No. 2479.—Ordered one door changed to swing out.
- No. 2480.—Ordered statements filed and registers kept with names and ages of children employed.
- No. 2482.—Ordered one boy under 14 years of age discharged.
- No. 2491.—Ordered one boy discharged who was under 14 years of age, and statements filed and registers kept with names and ages of children employed.
- No. 2500.—Ordered one fire escape on front of factory.
- No. 2515.—Ordered hand rails on one flight of stairs.

- No. 2520.—Ordered drop ladder on fire escape from office.
- No. 2524.—Ordered statements filed and registers kept with names and ages of children employed.
- No. 2527.—Ordered automatic traps or doors for elevator; doors changed to swing out, and drop ladder from fire escape to ground.
- No. 2529.—Ordered drop ladder from fire escape to ground.
- No. 2531.—Ordered closet repaired in rear of building.
- No. 2536.—Ordered hand rails on stairs.
- No. 2540.—Ordered automatic traps or doors on all floors of freight elevator.
- No. 2548.—Ordered statements filed and registers kept with names and ages of children employed.
- No. 2550.—Ordered a system of exhaust fans.
- No. 2553.—Ordered hand rails on stairs and one door changed to swing out.
- No. 2577.—Ordered statements filed with names and ages of children employed.
- No. 2578.—Ordered statements filed with names and ages of children employed.
- No. 2580.—Ordered statements filed with names and ages of children employed.
- No. 2581.—Ordered separate closet for females.
- No. 2586.—Ordered hand rails for stairs, railing around opening, any cog gearings on water wheel guarded.
- No. 2588.—Ordered automatic traps or doors for elevator on two floors, and hand rails for stairs.
- No. 2589.—Ordered blowers for sander and band saw.
- No. 2590.—Ordered hand rails on stairs, railing around openings, and sander connected with blower.
- No. 2593.—Ordered long belt under mill guarded, and stairs repaired and hand rails provided.
- No. 2594.—Ordered cog gearing guarded.
- No. 2595.—Ordered fly wheel guarded.
- No. 2598.—Ordered hand rails on stairs and sander connected with exhaust fan.
- No. 2602.—Ordered elevator shaft enclosed, and automatic traps or doors at all floors.
- No. 2604.—Ordered hand rails on stairs, railing around opening on second floor over boiler, and sander belt guarded.

- No. 2607.—Ordered hand rails on stairs, all belts running through floor, and on planer guarded, and exhaust fan connected with band saw.
- No. 2610.—Ordered hand rails for stairs, automatic trap door for elevator, and belts guarded.
- No. 2612.—Ordered statements filed with names and ages of children employed, automatic trap door for elevator, hand rails on all stairs, and rip saw connected with exhaust fan.
- No. 2615.—Ordered statements filed with names and ages of children employed, and automatic doors for elevator.
- No. 2616.—Ordered cogs on bull wheel guarded.
- No. 2618.—Ordered belts on rip saw and planer guarded.
- No. 2622.—Ordered statements filed with names and ages of children employed.
- No. 2623.—Ordered belts on second floor guarded.
- No. 2632.—Ordered two belts guarded and set screws covered.
- No. 2642.—Ordered statements filed with names and ages of children employed, hand rails on stairs, and belts running through floor guarded.
- No. 2646.—Ordered railing around fly wheel.
- No. 2647.—Ordered large belt under mill guarded.
- No. 2650.—Ordered separate closet for females.
- No. 2651.—Ordered separate closet for females.
- No. 2652.—Ordered separate closet for females.
- No. 2653.—Ordered statements filed with names and ages of children employed.
- No. 2655.—Ordered statements filed with names and ages of children employed.
- No. 2657.—Ordered two belts on upper floor guarded.
- No. 2658.—Ordered hand rails on stairs, and all belts on upper floor guarded.
- No. 2661.—Ordered all belts running through floor cased in.
- No. 2665.—Ordered belt running through floor guarded, and two rip saws connected with exhaust fan.
- No. 2667.—Ordered guard for long belt running cut-off saw, and rear guard for bolting saw.
- No. 2668.—Ordered exhaust fans for emery wheel and sander belt.

- No. 2673.—Ordered three set screws covered in lower part of mill.
- No. 2674.—Ordered statements filed with names and ages of children employed.
- No. 2682.—Ordered separate closets for females.
- No. 2684.—Ordered two rip saws guarded.
- No. 2685.—Ordered automatic traps or doors for elevator, rip saw guarded, and a system of exhaust fans.
- No. 2688.—Ordered fire escape, and separate closet for females.
- No. 2690.—Ordered exhaust fans for sand belts and wheels.
- No. 2691.—Ordered separate closet for females.
- No. 2692.—Ordered separate closet for females.
- No. 2693.—Ordered separate closet for females.
- No. 2704.—Ordered rip saw guarded.
- No. 2710.—Ordered automatic traps or doors for elevator.
- No. 2820.—Ordered hand rails for stairs on fifth floor.
- No. 2833.—Ordered stairway in west end, from second to third floor, for better means of escape in case of fire.
- No. 2840.—Ordered hand rails on basement stairs.
- No. 2847.—Ordered hand rails for stairs on third floor.
- No. 2853.—Ordered hatchways enclosed on two floors, hand rails for stairs, and one fire escape on front side of building.
- No. 2860.—Ordered one fire escape in rear of building.
- No. 2869.—Ordered hand rails on all stairs, and railings around openings.
- No. 2870.—Ordered separate closet for females.
- No. 2878.—Ordered one belt guarded.
- No. 2879.—Ordered hand rails on stairs.
- No. 2881.—Ordered separate closet for females.
- No. 2882.—Ordered statements filed with names and ages of children employed, and belts on rip saw guarded.
- No. 2886.—Ordered belts on planer and belt running through floor guarded.
- No. 2896.—Ordered one cut off saw guarded, and set screws covered.

- No. 2889.—Ordered railing around fly wheel, and belts on cut-off saw and edger guarded.
- No. 2891.—Ordered a system of exhaust fans.
- No. 2892.—Ordered hand rails on stairs, and railing around openings.
- No. 2893.—Ordered statements filed with names and ages of children employed, guards for belting and gearing on equalizer and stave cutter, and guard on equalizer and bolting machine.
- No. 2894.—Ordered statements filed with names and ages of children employed, and belt and set screws on gummer guarded.
- No. 2896.—Ordered system of exhaust fans.
- No. 2901.—Ordered cog gearings and set screws on live rollers guarded.
- No. 2902.—Ordered statements filed with names and ages of children employed, and belt on rip saw guarded.
- No. 2904.—Ordered belts on equalizer and cut-off saws guarded.
- No. 2908.—Ordered statements filed with names and ages of children employed.
- No. 2909.—Ordered three boys discharged who were under fourteen years of age, statements filed with names and ages of children employed, an automatic trap door for elevator, and set screw on planer covered.
- No. 2910.—Ordered one belt guarded, and carving machines connected with blower.
- No. 2913.—Ordered carving machines connected with exhaust fan.

ACCIDENTS DURING YEAR 1894.

[The number refers to the inspection number in table.]

- No. 19.—February 10, 1894. Alfred Nelson, age 38, single, employed as foreman for Cartwright Bros., Detroit, was disabled by a stone that slipped and broke his leg. Wages were paid in full.
- No. 23.—May, 1893. Chas. Dyar, age 21, single, employed as machinist for Roller Mill Works, Detroit, was disabled for 28 days by being caught in grindstone machinery and bruising three fingers. Received no wages during time disabled.
- No. 33.—April 4, 1894. Jas. Baker, age 22, married, employed as blacksmith for McKenzie & Sons, Detroit, lost three fingers. Was disabled 80 days, and received no wages during time disabled.
- No. 59.—April 24, 1894. John Doyle, age 45, married, employed as ship carpenter by Detroit Dry Dock Co., Detroit, was killed by falling into hold of a steamer. Burial expenses were paid by his family.
- No. 100.—May 31, 1894. Fred Furgeson, age 16, single, employed as machine hand by Murphy, Wasey & Co., Detroit, lost two fingers by hand being caught in machinery. Was disabled 90 days and received wages during time disabled.
- No. 100.—August 1, 1894. Aug. Flobie, age 15, employed as laborer for Murphy, Wasey & Co., Detroit, was injured by a hoisting block giving way and falling on his head. Was disabled four months, and received wages during time disabled.
- No. 114.—January, 1894. Geo. Richardson, age 36, married, employed as stone cutter for Henry Lemmer, Detroit, had his fingers crushed by stone falling over. Was disabled 14 days and received one-half wages while disabled.
- No. 262.—October 12, 1894. Joseph Hayes, age 19, single, employed as machine hand for Saginaw Manufacturing Co., Saginaw, was disabled three weeks on account of his thumb being injured. He received one-half wages and doctor's bill from insurance company.

- No. 262.—November 19, 1894. Chas. Berlin, age 17, employed by Saginaw Manufacturing Co., Saginaw, as a machine hand, was disabled two weeks by fore finger being cut off on left hand. He received one-half wages and doctor's bill from insurance company.
- No. 262.—Oct. 2, 1894. Chas. Fales, age 40, married, employed as band sawyer for Saginaw Manufacturing Co., Saginaw, smashed his fingers and was disabled two weeks. One-half wages and doctor's bill were paid by insurance company.
- No. 262.—Jan. 17, 1894. Leo Myers, age 30, married, employed as foreman in pulley room by Saginaw Manufacturing Co., Saginaw, cut off ends of two fingers in jointer and was disabled thirty days. He received one-half wages from accident insurance company.
- No. 262.—May 5, 1894. Louis Ward, age 30, employed in pulley room of Saginaw Manufacturing Co., Saginaw, wrenched his shoulder and was disabled four days. One-half wages and doctor's bill were paid by an insurance company.
- No. 262.—March 1, 1894. Frank Duane, age 15, single, employed as laborer by Saginaw Manufacturing Co., Saginaw, put his hand under a knife and cut his thumb. He was disabled thirty-three days, receiving one-half wages and doctor's bill from Standard Insurance Co.
- No. 262.—May 7, 1894. Alex. Goodroe, age 26, single, employed as laborer by Saginaw Manufacturing Co., Saginaw, cut his wrist while unloading zinc from a car, and was disabled five days. One-half wages were paid, also doctor's bill by Standard Insurance Co.
- No. 262.—April 16, 1894. Alonzo Gant, age 30, married, employed as a laborer by Saginaw Manufacturing Co., Saginaw, sprained his back by lifting. He was disabled twelve days and received one-half wages and doctor's bill from Standard Insurance Co.
- No. 262.—Feb. 18, 1894. Chas. Radkey, age 19, single, employed as a machine hand by Saginaw Manufacturing Co., Saginaw, bored off end of index finger. He was disabled four weeks and received one-half wages and doctor's bill from Standard Insurance Co.
- No. 262.—March 12, 1894. Chas. Radkey, Jr., age 19, single, employed as a laborer by Saginaw Manufacturing Co., Saginaw, lacerated middle finger of left hand. He was disabled twenty days and received one-half wages and doctor's bill from Standard Insurance Co.
- No. 262.—May 4, 1894. Isaac Nichols, age 18, employed at making wash boards for Saginaw Manufacturing Co., had his hand caught in gear, crushing ends of three fingers. He was disabled eight days, and received one-half wages and doctor's bill from Standard Insurance Co.
- No. 262.—January 7, 1894. Wm. Coleman, age 23, single, employed by Saginaw Manufacturing Co., as a laborer, had his ear injured by a flying board. He was disabled eight days, and received one-half wages and doctor's bill from Standard Insurance Company.

- No. 265.—February 20, 1894. Wm. Corrigan, age 22, single, employed as heading turner by Thomas Tindle & Co., Saginaw, cut off thumb and bruised hand. He was disabled sixty days, and firm paid his board and part of his doctor bill. The accident was the result of carelessness.
- No. 275.—April 14, 1894. Chas. Faulk, age 35, married, employed at piling lumber by Michigan Lumber Co., Saginaw, was disabled four weeks by tramway breaking down and injuring his back. He received no wages during time disabled, and paid his own expenses.
- No. 305.—April 21, 1894. J. F. Boyse, age 40, married, engineer for Bartlett Illuminating Co., Saginaw, had his foot crushed by rock arm and was disabled six weeks. He received no wages while disabled, and paid his own expenses.
- No. 315.—May 16, 1894. Lewis S. Laing, age 45, married, proprietor of printing office of Laing & Moiles, Saginaw, tried to pull sheet out of press and slipped hand in gear wheels, cutting off one-half of four fingers. He was disabled three months.
- No. 331.—June 25, 1894. Burt Benton, age 34, married, employed at running edger in the mill of A. T. Bliss & Co., Carrollton, sawed off two joints of middle finger, left hand. He was disabled thirty days and received no wages while disabled.
- No. 337.—May 28, 1894. Thomas Parsons, age 50, married, employed as a millwright by S. G. M. Gates, Bay City, fractured leg in taking slabs out of a conveyor. He received one-half wages and doctor's bill while disabled.
- No. 392.—September 28, 1894. Moses Bodette, age 18, single, employed as stave jointer by A. D. Camp, Saginaw, was disabled three weeks by cutting off part of one finger. He received no wages while disabled.
- No. —.—February 20, 1894. G. Dordel, age 24, married, employed as a mechanic for Michigan Peninsular Forge Co., Detroit, was struck by a trip hammer and disabled for ninety days.
- No. 412.—October 10, 1894. Daniel Rust, age 48, married, employed as foreman for Owosso Cooperage Co., was disabled by thumb being cut off, for eight weeks. The firm gave him some financial aid, but he refused it, as it was his own carelessness.
- No. 462.—November 3, 1894. Richard Bolton, age 32, married, employed as fireman for Mt. Pleasant Basket Works, Mt. Pleasant, lost arm between elbow and shoulder and was disabled six weeks. Subscription of employees and firm, amounting to \$300.00, was paid to him.
- No. 462.—November 3, 1894. Patrick Sidley, age 40, married, employed at peeling logs, had his collar bone broken by skid starting out and log rolling over him. He was disabled two months. Company defrayed expenses and the employees raised quite a sum by subscription for him.

- No. 535.—February 27, 1894. Wilbur Newman, age 16, employed as errand boy for Rookus Printing Co., Grand Rapids, was badly injured on knee and wrists. He was disabled two weeks but received no wages while disabled.
- No. 603.—June 12, 1894. Lucy Schloss, age 24, single, a collar and cuff ironer for the Excelsior Laundry, Grand Rapids, in adjusting machinery while in motion bruised and tore the flesh on both hands. She received some financial aid while disabled. The girl admits the accident to be her own fault.
- No. 621.—December 20, 1894. John Kipp, age 26, married, employed as a sawyer for Berkey & Gay Furniture Co., Grand Rapids, lost thumb and three fingers.
- No. 622.—April, 1894. Dayton Brown, age 35, employed by the Goshen Sweeper Co., Grand Rapids, while reaching over a saw table got his hand too near saw and was drawn in, losing two fingers.
- No. 646.—March 20, 1894. O. White, age 59, married, a shaper hand in the New England Furniture Co., Grand Rapids, was disabled six weeks by loss of thumb and part of index finger. He received some financial aid while disabled.
- No. 667.—October 1, 1894. A. C. Soughton, age 40, married, foreman of machine room for Muller & Slack Co., Grand Rapids, while running a small piece of stock over the buzz planer lost two fingers. He was disabled six weeks and received financial aid.
- No. 692.—September 10, 1894. John Slomonski age 16, an apprentice to the Grand Rapids Cycle Co., Grand Rapids, was caught between elevator floor and ceiling and bruised his legs.
- No. 694.—June 27, 1894. Peter DeKeyser, age 28, single, employed as sawyer by the Grand Rapids Stave Co., Grand Rapids, was disabled four days by cutting three fingers.
- No. 725.—February 9, 1894. L. H. Evarets, age 35, married, employed at rip sawing in Hastings Table Co., Hastings, was disabled by a board flying back and injuring his side.
- No. 757.—February 15, 1894. C. Inman, age 45, married, employed as a machine hand for F. Kamm & Son, New Buffalo, was disabled two months by hand catching on saw and losing three fingers. Received no wages while disabled.
- No. 775.—April 25, 1894. H. Stratton, age 30, married, employed as a machine hand for Bardeen Paper Co., Otsego, had his leg broken. The accident was the result of carelessness.
- No. 800.—March 17, 1894. H. Hayes, age 38, married, employed at rip sawing by Battle Creek Implement Co., lost three fingers. He was disabled two months and received no wages.
- No. 870.—June 18, 1894. Chas. Barfoot, age 16, employed as elevator conductor by Williams, Brook & Davis, Detroit, fell down elevator shaft and was killed. Burial expenses were paid by firm.

- No. 932.—May 15, 1894. Tina Bell, age 23, in the employ of the Ph. Klings Brewing Co., Detroit, was caught in the elevator and had her hand bruised. She was disabled 21 days and received insurance from the company.
- No. 951.—May 15, 1894. Frank Stigrey, age 15, in the employ of the Crescent Manufacturing Co., Detroit, lost one finger. He was disabled 14 days and received insurance from the company.
- No. 978.—March 22, 1894. Chas. Mumford, aged 15, was caught in shaft of Detroit Pressed Brick Co., Detroit, and killed. The boy was not an employé, and the burial expenses were paid by his parents.
- No. 996.—June 18, 1894. Eli Suzar, age 30, married, employed as sawyer for E. H. Doyle, Wyandotte, dropped hand on top of saw, cutting off two fingers.
- No. 1004.—June 14, 1894. Alex. McIlhinny, age 56, married, employed as foreman for Aetna Cooperage Co., Trenton, was struck in the face by a block of wood. His doctor's bill was paid for him.
- No. 1151.—July, 1894. Allen Stephens, age 25, married, a driller employed by the Michigan Stone and Supply Co., Detroit, was disabled two months by drill falling on him.
- No. 1248.—July, 1894. H. Jewell, age 21, married, in the employ of D. T. Smith, Romeo, was struck by timber and disabled five weeks. His doctor's bill and some other expenses were paid.
- No. 1385.—October 20, 1894. C. Wetzell, age 50, married, a machine hand in the employ of the Michigan Furniture Co., Ann Arbor, was killed by a flying board.
- No. 1435.—July 3, 1894. John Pool, age 45, widower, in the employ of the Ottawa Furniture Co., Holland, lost part of finger and blood poisoning set in. He received some financial aid.
- No. 1447.—July 2, 1894. R. Weabruga, age 35, married, a stave sawyer in the employ of Silas Kilbourn & Co., Grand Haven, lost little finger on left hand. He received no wages and paid his own expenses.
- No. 1488.—April 19, 1894. E. Bush, age 45, married, employed at running trimmer for John Torrent & Co., Muskegon, leaned over a spiked roller, was caught and pulled in, dislocating arm and breaking leg. He received some financial aid.
- No. 1522.—April 28, 1894. R. A. Ferry, aged 25, single, employed at buzz planer for Grand Rapids School Furniture Co., Grand Rapids, lost part of little finger. He received some financial aid while disabled.
- No. 1522.—August 14, 1894. Frank Vahl, age 52, single, employed at running a sander for the Grand Rapids School Furniture Co., Grand Rapids, lacerated arm so that amputation was necessary, at elbow. He was disabled three weeks and received some financial aid.

- No. 1526.—February 7, 1894. Chas. Vis, age 27, married, employed as a machinist for Baldwin, Tuthill & Bolton, burned one hand in gas explosion. He was disabled two weeks and received wages while disabled.
- No. 1530.—May 31, 1894. G. Poulson, age 25, single, employed as helper for Widdicomb Furniture Co., Grand Rapids, sanded off palm of hand and was disabled three weeks. He received no wages and paid his own expenses.
- No. 1530.—May 31, 1894. John Krumstra, aged 23, single, employed as machine helper for Widdicomb Furniture Co., Grand Rapids, lost part of two fingers. He was disabled three weeks and received no wages.
- No. 1530.—May 1, 1894. W. P. Leffingwell, aged 40, married, a gluer for Widdicomb Furniture Co., Grand Rapids, lost part of little finger. He was disabled ten days and received no wages.
- No. 1560.—September 14, 1894. Peter Slegenga, age 34, married, a cabinet maker employed by the Phoenix Furniture Co., Grand Rapids, was killed by trying to put the bar down on elevator while elevator was in motion. The firm paid burial expenses.
- No. 1573.—December 26, 1894. John Vanivagand, age 26, married, a sawyer in the employ of the Oriel Cabinet Co., Grand Rapids, lost part of one finger on saw.
- No. 1633.—February 2, 1894. John Bueche, age 45, married, employed as a machinist for G. R. & I. Railroad shops, Grand Rapids, slipped from boiler and broke his leg. He was disabled six weeks and received some financial aid.
- No. 1666.—July 27, 1894. Frank L. Platt, married, employed as fireman for the Three Rivers Paper Co., Three Rivers, was killed by being caught in belt and taken around fly wheel. His burial expenses were paid by the firm.
- No. 1671.—Aug. 3, 1894. S. Burgett, married, fell down elevator shaft and was bruised. He was not in the employ of the company. He paid his own expenses.
- No. 1671.—July 8, 1894. E. D. Kanuss, age 25, married, employed at general work by L. J. Kanuss, fell in elevator and sprained and bruised shoulder. He was disabled three weeks; received no wages or other financial aid while disabled.
- No. 1914.—July 19, 1894. H. W. Pollard, age 35, married, foreman of planing mill of J. M. Johnston, Alpena, broke jaw in two places by a piece of edging flying from saw. He was disabled four and one-half months. He received \$14.50 a week from accident policy.
- No. 1933.—Aug. 15, 1894. Jacob Clemens, age 40, married, a machine hand for Handy Bros., West Bay City, had two fingers cut off. He was disabled six weeks, the firm giving him some light work and part pay.
- No. 1945.—Dec. 22, 1894. Albert Heabenbachas, age 18, employed as a laborer by Russell Bros., West Bay City, was killed in a boiler explosion. His parents paid burial expenses.

- No. 1945.—Dec. 22, 1894. Roe Hudson, age 26, married, employed as a machine hand by Russell Bros., West Bay City, bruised face and hand in boiler explosion. He was disabled two weeks, and received no wages while disabled.
- No. 1945.—Dec. 22, 1894. Chas. Dukal, age 24, single, a laborer employed by Russell Bros., West Bay City, was scalded and bruised in boiler explosion. Was disabled about four weeks, and received no wages while disabled.
- No. 1945.—Dec. 22, 1894. Fred Wildanger, age 14, a laborer employed by Russell Bros., West Bay City, was scalded in a boiler explosion. He received no wages while disabled and paid his own expenses.
- No. 1945.—December 22, 1894. Albert Rahn, age 16, a laborer employed by Russell Bros., West Bay City, was killed by a boiler explosion. His burial expenses were paid by his mother.
- No. 1945.—December 22, 1894. John Colcutt, age 24, married, employed as a fireman for Russell Bros., West Bay City, was killed by boiler explosion. Burial expenses were paid by his wife.
- No. 1945.—December 22, 1894. John Brown, age 17, employed as a laborer for Russell Bros., West Bay City, was killed in boiler explosion. Burial expenses were paid by his parents.
- No. 1945.—December 22, 1894. George Pfuntz, age 18, employed as a laborer for Russell Bros., West Bay City, was killed in boiler explosion. Burial expenses paid by his parents.
- No. 1953.—August 24, 1894. George Closson, age 52, married, employed as engineer for Fred C. Ross, West Bay City, was killed by boiler explosion. His heirs received \$240.00 from London Guarantee Insurance Co., of London, England.
- No. 1963.—October 8, 1894. John Hall, age 17, employed as filer by McEwan Bros. & Co., Bay City, had part of two fingers cut off. He received no wages and paid his own expenses.
- No. 1963.—October 8, 1894. Henry Koth, age 58, married, employed at making staves for McEwan Bros. & Co., Bay City, cut off two fingers. He was disabled two weeks and received no wages while disabled.
- No. 1963.—October 8, 1894. Lewis Koch, age 26, married, a salt maker for McEwan Bros. & Co., Bay City, fell in grainer, was scalded and died after accident. His burial expenses were paid by subscription.
- No. 1975.—October 18, 1894. Bertrand Harrod, age 24, single, a bolter for the Ithaca Butter Tub Factory, Ithaca, cut off part of two fingers and thumb. He was disabled three months, the firm paying doctor's bill.
- No. 2000.—September 10, 1894. Frank Storum, age 35, married, a heading sawyer in the employ of W. H. Ford, Pinconning, sawed off left hand at wrist. He was disabled four months. Firm paid all his bills.

- No. 2025.—September 14, 1894. Mike Goffsky, age 40, married, a sawyer in the employ of Henry Stephens & Co., Waters, was hit by a board flying back and injuring hip. He was disabled three weeks, firm paying doctor's bill.
- No. 2036.—October 12, 1894. Peter Sayer, age 16, a machine hand for the Fox Lumber Co., Corunna, cut off part of thumb. He was disabled six weeks, received no wages and paid his own expenses.
- No. 2036.—October 12, 1894. Albert Sayer, age 18, a machine hand in the employ of the Fox Lumber Co., Corunna, cut off four fingers. He was disabled eight weeks, his employes raising a subscription of \$25.00 for him.
- No. 2127.—September 7, 1894. Andrew Nelson, age 27, married, a machine hand in the employ of the Big Rapids Furniture Co., Big Rapids, while running a buzz planer cut off two fingers on the knives. He was disabled eight weeks and received some financial aid while disabled.
- No. 2179.—October 20, 1894. Frank Parrish, age 24, single, in the employ of J. W. Willetts, Stanton, cut off four fingers and thumb. He received no wages while disabled and paid his own expenses.
- No. 2179.—May 23. J. W. Willetts, age 55, married, proprietor of the factory of J. W. Willetts, lost an eye by a belt bursting. He was disabled six weeks.
- No. 2189.—September 15, 1894. Ray Carpenter, age 25, married, shingle sawyer in the employ of C. E. & M. B. Covell, Whitehall, lost part of two fingers in cleaning machinery while in motion.
- No. 2190.—October 5. A. A. Johnson, age 35, married, a sawyer in the employ of The Nufer Cedar Co., Whitehall, lost two fingers on saw. He received some financial aid while disabled.
- No. 2217.—July, 1894. Geo. Goos, age 16, employed at picking up edging for Percy Salt Works, block No. 2, Ludington, lost a foot. He received some financial aid while disabled.
- No. 2234.—September 15, 1894. Conrad Dold, age 48, married, a shaper hand in the employ of M. A. Agens, Ludington, had his thumb cut. He received some financial aid while disabled.
- No. 2234.—August 15, 1894. S. C. Marberger, age 38, married, lost three fingers and a thumb in the factory of M. A. Agens. He was disabled six weeks, but was not an employee.
- No. 2254.—June, 1894. Andrew Nelson, age 45 married, employed as a laborer by Louis Sands, Manistee, had his arm crushed. He was disabled six weeks and received some financial aid.
- No. 2255.—October 22, 1894.—John Hauser, age 25, single, in the employ of Louis Sands, Manistee, had his arm crushed so that amputation was necessary. He received some financial aid while disabled.

- No. 2261.—October 6, 1894. Earl Sullivan, age 26, single, a sawyer in the employ of the State Lumber Co., Manistee, lost an arm while trying to take a shingle out of a saw which was in motion.
- No. 2263.—August 20, 1894. A. Kaminski, age 27, married, a shingle sawyer in the employ of the Babcock Lumber Co., Manistee, lost one finger and was disabled ten weeks. Received no wages while disabled.
- No. 2265.—July, 1894. Ed Olson, age 16, a heading machine helper in the employ of J. O. Nesson, Manistee, received a cut on elbow. He received no wages while disabled.
- No. 2272.—October 13, 1894. Dell Nichols, age 22, single, a shingle sawyer in the employ of the Canfield Salt & Lumber Co., Eastlake, lost one finger on a saw. He received no wages while disabled and paid his own expenses.
- No. 2272.—June 27, 1894. L. Nichols, age 40, married, in the employ of the Canfield Salt & Lumber Co., Eastlake, had his leg broken by a board flying back. He received no wages while disabled and paid his own expenses.
- No. 2276.—August 30, 1894.—A. Frohberg, age 17, a sander in the employ of the Manistee Manufacturing Co., Manistee, lost little finger. He was disabled eight weeks and received no wages, paying his own expenses.
- No. 2285.—August, 1894. W. Rosenberg, age 18, in the employ of the Eureka Lumber Co., Manistee, cut four fingers. He was disabled four weeks, receiving no wages and paying his own expenses.
- No. 2285.—June, 1894.—Wm. Rosenberg, age 18, lost part of thumb in splitter. He was disabled four weeks and received no wages. He was in the employ of the Eureka Lumber Co., Manistee.
- No. 2292.—April, 1894. S. W. Skumer, age 20, single, a sawyer in the employ of Frank Krein, Copemish, lost one finger, being disabled ten days. He received financial aid while disabled.
- No. 2313.—Sept. 15, 1894. Chas. Earle, age 19, employed by the Empire Lumber Co Empire, had his foot lacerated by a board flying back from edger. He was disabled ten days and received no wages, paying his own expenses.
- No. 2397.—June, 1894. Chas. Brichts, age 18, a machine hand employed by Jas. Woodhams Box Works, Detroit, had two fingers cut off. He was disabled twenty-eight days, receiving wages while disabled.
- No. 2397.—Sept. 1894. Otto Krenske, age 18, a machine hand employed by J. Woodhams Box Works, Detroit, lost two fingers. He was disabled fourteen days, receiving some financial aid while disabled.
- No. 2398.—Feb. 1894. E. Eby, age 20, single, a machinist in the employ of Wm. Eby & Son, Detroit, had his head injured by a stick falling on it. He was disabled five days, and received some financial aid while disabled.

- No. 2399.—June 25, 1894. Chas. Drighte, age 16, a laborer employed by C. W. Restrirk, Detroit, cut two fingers off on left hand in a rip saw. He was disabled thirty-five days, and received some financial aid while disabled.
- No. 2407.—Sept. 15, 1894. Aug. Stoker, age 40, married, a carpenter in the employ of Williams Bros. & Charbonneau, Detroit, fell and injured his elbow. He was disabled fourteen days, and wages were paid during time lost.
- No. 2408.—April 30, 1894. W. F. Wallington, age 26, married, a machinist in the employ of the Malt Manufacturing Co., Detroit, fell into machinery and injured right leg. He was disabled forty-two days, and received financial aid during time disabled.
- No. 2422.—Sept. 28, 1894. Fred Grall, age 55, married, employed by J. E. Bolles & Co., Detroit, was struck by a piece of iron and bruised. He was disabled forty-two days, receiving accident insurance.
- No. 2422.—April 3, 1894. Fred Hebel, age 45, married, in the employ of J. E. Bolles & Co., Detroit, fell from joist and was injured. He was disabled twenty-one days, receiving no wages and paying his own expenses.
- No. 2428.—August 27, 1894. M. F. Harryman, age 42, married, in the employ of the American Harrow Co., Detroit, was killed by a stick flying back from rip saw. He was insured.
- No. 2442.—July 15, 1894. E. E. Sweet, aged 22, married, foreman for Leland, Faulconer & Norton Co., Detroit, had two fingers cut off and was disabled seven days. He received full pay while disabled.
- No. 2447.—February 20, 1894. Aug. Fuchia, age 54, married, in the employ of the Peninsula Car Shops, Detroit, had arm cut off. He was disabled three months and received some financial aid while disabled.
- No. 2475.—October 24, 1894. Theo. Kalinowski, age 18, a machine hand in the employ of John Phillips & Co., Detroit, was severely cut on a rip saw. He was disabled twenty-four days.
- No. 2511.—February 1894. R. Ingersell, age 38, married, foreman for the West Detroit Chair Co., Detroit, had his hand injured. He was disabled twenty-one days, receiving no wages and paying his own expenses.
- No. 2511.—May, 1894. J. Labadie, age 31, married, a machine hand for West Detroit Chair Co., Detroit, lost a finger. He was disabled twenty-one days, receiving no wages and paying his own expenses.
- No. 2577.—June 1, 1894. Ed. VanAucken, age 44, married, a shaper employed by Fulgham Manufacturing Co., Traverse City, cut four fingers. He was disabled three months, receiving no wages and paying his own expenses.
- No. 2578.—November 15, 1894. Louis Antoine, age 30, married, employed by Oval Wood Dish Co., Traverse City, had thumb and finger badly cut. He received some financial aid while disabled.

- No. 2642.—February, 1894. Fred Clark, age 19, a laborer employed by E. V. Parson & Co., Elmira, cut two fingers off. He was disabled seven weeks, receiving no wages and paying his own expenses.
- No. 2701.—December 6, 1894. Henry Chapman, age 32, married, employed by E. Parks, Caro, cut off one finger. He was disabled three weeks, receiving no wages and paying his own expenses.
- No. 2709.—December 18, 1894. Fred Cody, age 50, married, a machine hand in the employ of F. F. Winton, Sebawaing, cut off fore finger of left hand. He was disabled four weeks, paying his own expenses and receiving no wages.
- No. 2710.—December 18, 1894. Leonard Reichle, age 33, married, a machine hand in the employ of the Sebawaing Manufacturing Co., Sebawaing, cut off one finger on saw. He was disabled two weeks, receiving no wages and paying his own expenses while disabled.
- No. 2840.—February 22, 1894. A. L. Lapine, age 34, married, employed by C. R. & J. C. Wilson, Detroit, was badly bruised by an emery wheel bursting. He was disabled sixty days, receiving no wages and paying his own expenses while disabled.
- No. 2890.—October, 1894. Wm. Reed, age 19, a laborer employed by Millard & Co., Manton, lost one finger and was disabled five weeks. He received financial aid while disabled.
- No. 2896.—September 15, 1894. M. Swift, age 30, married, employed by Freeman Manufacturing Co., Kalkaska, lost four fingers. He received some financial aid while disabled.

SUMMARY OF WORK OF INSPECTION.

It will be noticed that the tabulation of the work in this report is in nearly the same form as that of 1893. Inspectors were instructed to use the utmost care in filling the blanks and to be diligent, watchful and thorough in the performance of their duties. A careful study of the table (No. 1) shows their work to have been well done. The following is a synopsis of the result:

FACTORIES INSPECTED.

Number running full time	1,835
Number running part time	490
Whole number running	2,325
Number inspected not running	363
Whole number inspected	2,688

This shows 68% of the number inspected as running full time, 18% part time and 14% idle. Factories in this State, when running full time, are generally scheduled at 60 hours per week. Those reported as running part time vary from 30 to 54 hours.

LOSS IN TIME.

Number of hours per week, if the 2,688 factories inspected were running full time, would be	142,631
Number of hours per week, as running at time of inspection	133,706
Loss in hours per week	8,925

This item alone indicates a loss to labor for each week in these 2,688 factories, of 892½ days of ten hours each.

LOSS IN CAPACITY.

Number of employees when running full capacity	123,918
“ “ “ at date of inspection	80,375
“ “ “ idle as compared when running full capacity	43,543

This shows that these 2,688 manufacturing establishments, were not working to their full capacity on the average of 16 persons each, aggregating a loss to labor of over 35%. Added to that of loss of time, as shown above, it will be seen that there is a total loss of 262,140½ working days of 10 hours each in every week to the factory laboring people, a large per cent of which is skilled labor.

REDUCTION AND INCREASE IN WAGES.

Number reporting no change in wages since April 1, 1893	2,231
“ “ decrease “ “ “ “ 1, 1893	376
“ “ increase “ “ “ “ 1, 1893	22
“ “ decrease but do not say how much	56
“ “ increase “ “ “ “ “ “	3

Whole number inspected..... 2,688

The 376 factories report an average reduction of 12%.

The 22 factories report an average increase of 11%.

Number reporting no change in wages since March 1, 1894	2,426
“ “ decrease “ “ “ “ 1, 1894	235
“ “ increase “ “ “ “ 1, 1894	22
“ “ decrease but do not say how much	2
“ “ increase “ “ “ “ “ “	3

Whole number inspected..... 2,688

The 235 factories report an average reduction of 11%.

The 22 factories report an average increase of 10%.

This indicates that but a small per cent of the factories inspected report an increase in wages, more reporting a decrease. In other words, 376 of the 2,688 have had their wages reduced since April 1, 1893, an average of 12%, while only 22 of the whole number inspected report an increase, which increase averages 11%. Since last March, 235 report a further reduction of 11% and 22 report an increase, which for the 22 averages 10%.

It is hard to comprehend what this idleness and reduction in wages means. Not only a privation from articles bordering on luxury, but in many instances lack of necessities, actual want and suffering. Computed on the basis of dollars and cents, and it requires no theory to show that the loss is 1,135,940 days each month of 26 working days. Allowing \$1.50 for each day lost, shows the enormous sum of \$1,703,910 monthly, \$393,210 weekly, or \$65,530 daily. Even computing factory employees

